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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 18th February, 1978

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under the Section 135 of the Act.

12th January, 1978

41/Cal/78. Abex Corporation. A control valve for controlling pressure fluid. [Divisional date June 24, 1975]

13th January, 1978

42/Cal/78. N. V. Phillips' Gloeilampenfabrieken. Method of manufacturing objects which partly or completely consist of a foamed thermoplastic material, objects manufactured in accordance with said method, and apparatus for carrying out the method.

43/Cal/78. Preformed Line Products Company. Dead end appliance for linear bodies.

44/Cal/78. Cassella Farbwerke Mainkur A-ktiengesellschaft. Water-insoluble azo dyestuffs and a process for their manufacture and also their coupling components and process for the manufacture of the coupling components.

45/Cal/78. Harry Lee Danziger. Improvements in or relating to the processing of used lubricating oils. (January 15, 1977).

46/Cal/78. Institut Tonkoi Organicheskoi Khimii Imeni A.L. Andzhoana Akamedii Nauk Armyanskoi SSR, Anticonvulsant.

47/Cal/78. Registrar, Jadavpur University, (2) Prof. Sudhensu Sekhar Deb, (3) Prof. Manish Kumar Mukherjee, (4) Prakash Narayan Dixit and (5) Dipankar Mukherjee. Improved Cadmium sulphide photo valtaic cells and a method of preparing the same.

16th January, 1978,

48/Cal/78. Sergei Georgievich Glazunov, (2) Alexei Mikhailovich Khromov, (3) Vasily Vladimirovich Merkulov, (4) Igor Borisovich Krjuchkov, (5) Nikolai Egorovich Klimov, and (6) Dmitry Alexandrovich Filippov. Vacuum metal die-casting apparatus.

49/Cal/78. Cecil Howard Wood. Flexible duct.

50/Cal/78. Union Carbide Corporation. Process for producing aminoalkanes. [Divisional date January 6, 1977.]

51/Cal/78. Institut Zoologii I Parazitologii A kademii Nauk Litovskoi SSR. Anti-Antihemocytic serum and a method for the preparation thereof.

52/Cal/78. Vsesojuzny Nauchno-Issledovatelsky I Proektny Institut PO Ochistke Teklinologichcskikh Gazov, Stochnykh Vod I Ispol'zovaniim Vtorichnykh Energoresurs-ov Predpriyaty chernoi Vnipicher-metenergoochistka. Cooler for shaft furnace.

53/Cal/78. Narasinha Govidn Kamat. A pilfer proof housing for an electrical meter.

54/Cal/78. Mr. Sunil Kumar Bharel. An electrical connector.

55/Cal/78. J. Prakash Mathur. A fire detector.

17th January, 1978

56/Cal/78. TI Metsec Limited (formerly Metal Sections Limited). "Purlins" .

57/Cal/78. TI Metsec Limited (formerly Metal Sections Limited). "Purlins".

58/Cal/78. TI Metsec Limited (formerly Metal Sections Limited). "Sleeved or lapped joints in purlin assemblies.

59/Cal/78. TI Metsec Limited (formerly Metal Sections Limited). "Sleeved or lapped joints in purlin assemblies.

60/Cal/78. Patpan Inc. Apparatus for drying porous materials under vacuum.

61/Cal/78. Metallgesellschaft A.G. Waelz process of volatilizing sine and lead from iron oxide-containing materials.

18th January, 1978

62/Cal/78. The Dexter Corporation. Machine made light weight glass fiber web material.

63/Cal/78. Rheinmetall GMBH. Method of obturating a stub case on the tube wall and obturation working by the method on a stub case.

64/Cal/78. The English Card Clothing Company Limited. Improvements in or relating to carding. (January 21, 1977).

65/Cal/78. Scharfenbergkupplung G.m.b.H. "Elastic hinge of a central buffer coupling for rail cars.

66/Cal/78. Siemens Aktiengesellschaft. Printed circuit board.

(APPLICATION FOR PATENTS FILED AT THE BOMBAY BRANCH)

13th December, 1977

345/Bom/77. Diamond Shamrock Technologies S.A. Cilicon carbidevalve metal borides-carbon electrodes.

14th December, 1977

346/Bom/77. Dr. Dinkar Govind Takte. A machine for removing the outer skin of the sugar cane to improve the recovery of white consumption sugar, khandsari sugar and gur quality.

347/Bom/77. Govind Dadoba Thakoor. An improved burner head for a low pressure gas burner.

15th December, 1977

348/Bom/77. Shri Anil Narasinha Annachhatre. Mobile trolley for rack.

19th December, 1977

349/Bom/77. The Bombay Textile Research Association. The development of a dry-heat fixation process operative under milder conditions of dry heat treatment by the use of "accelerants" in conjunction with suitable organic or inorganic compounds of ammonia or its acid deratives for the colouration of cellulosic fibre-fabrics and their blends with man-made fibres using the Rapidogen class of A zoic dyestuffs.

20th December, 1977

350/Bom/77. Colour Chem Limited. New azo dyestuffs and process for their manufacture.

351/Bom/77. Colour-Chem Limited. New water-soluble azo dyestuffs and process for their preparation.

352/Bom/77. Colour Chem Limited. New Chromium complex monoazo dyestuffs and process for their manufacture.

353/Bom/77. Colour Chem Limited. New Disazo dyestuffs and process for their preparation.

354/Bom/77. Colour Chem Limited. New copper complex disazo dyestuffs and process for their manufacture.

355/Bom/77. Amar Lal Deoomal Jaisingh. Torch Cum Line tester.

22nd December, 1977

356/Bom/77. Subramaniam Tapasi Raman, (2) Subramaniam Krishnan and Ravunirath Paremeshwar Menon. A novel battery operated vehicle.

357/Bom/77. Dr. Anil Bhaskerrao Mehta. An improved cryogene apparatus.

358/Bom/77. Birender Singh. Coal briquettes machine.

359/Bom/77. Birender Singh. Coal briquettes machine.

360/Bom/77. Birender Singh. Coal briquettes machine.

23rd December, 1977

361/Bom/77. M/s. Camphor & Allied Products Limited. A process for the preparation of oxa-3-norcaran-2-one.

24th December, 1977

362/Bom/77. Ramesh Kumar Chhabra. Weight reducing method.

27th December, 1977

363/Bom/77. Hindustan Lever Limited. Hydrogenation. (December 31, 1976).

364/Bom/77. Bakul Finechem Research Centre. Process for concentration of dilute formic acid.

365/Bom/77. Bakul Finechem Research Centre. A simple rapid process for preparation of alkyl esters of aromatic carboxylic acids using dimethyl sulphate.

28th December, 1977

366/Bom/77. Estrela Batteries Ltd. A process for manufacturing synthetic conductive foil.

29th December, 1977

367/Bom/77. Behlzad Daran Shroff. Intercervical contraceptive device. [Divisional date January 4, 1977.]

ALTERATION OF DATE

143900
2138/Cal/1976. } Ante-dated to 20th March, 1974.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents of any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect or each such application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8 Kiran Shankar Ray Road, Calcutta in due Course. The price of each specification is Rs. 2/- (postage extra is sent out of India) Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be assertained on application to that office.

CLASS 119F. 143863.

Int. Cl. D03d 49/36.

IMPROVED PICKERS FOR LOOMS.

Applicant : JUTE TEXTILE SERVICING CORPORATION, 18 NETAJI SUBHAS ROAD, (3RD FLOOR) CALCUTTA-1, STATE OF WEST BENGAL, INDIA.

Inventor : RATAN LAL JAIN.

Application No. 1297/Cal/76 filed July 20, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A picker made of synthetic material having bore on its top portion for accommodating bushes characterized in that the said bore extends to a major portion of the breadth of the picker thereby providing a retaining wall in the remaining breadth of the picker, said retaining wall having a bore equal to the diameter of the picker holding rod.

CLASS 32E. 143864.

Int. Cl. C08g 17/02.

PROCESS FOR THE PRODUCTION OF POLYOLS.

Applicant : THE INDIAN SPACE RESEARCH ORGANISATION, DEPARTMENT OF SPACE GOVERNMENT OF INDIA, 'F' BLOCK, CAUVERY BHAVAN, DISTRICT OFFICE ROAD, BANGALORE 560009, KARNATAKA. INDIA.

Inventor : SURESH KUMAR NEMA.

Application No. 16/Mas/76 filed January 24, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

5 Claims. No drawings.

A process for producing polyols comprising homopolymerising 12-hydroxy Stearic Acid in an aromatic solvent to poly (12-hydroxy Stearic Acid) in presence of an acid catalyst, monitoring the degree of polymerisation by measuring the drop in acid value of the said homopolymer till the degree of polymerisation ranging from 2 to 10 is achieved, treating the said poly-(12-hydroxy stearic acid) with poly alcohols such as herein described, so as react completely with the residual carboxylic group of the said poly (12-hydroxy stearic acid), and recovering the polyols from the reaction mixture by known methods.

CLASS 32E, 40C & 136E. 143865.

Int. Cl. C08f 37/00; B29d 9/00.

A METHOD OF PROCESSING COPOLYMERS OF ETHYLENE AND POLAR COMMONOMERS AND AN EXTRUDED PRODUCT FORMED THEREFROM.

Applicant : SIEMENS AKTIENGESELLSCHAFT OF BERLIN AND MUNICH, WEST GERMANY.

Inventors : DR. DETLEF PIEPER AND HORST WILL.

Application No. 554/Cal/15 filed March 20, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A method of processing a copolymer of ethylene and a polar comonomer eg. ethylene vinyl acetate and ethylene ethyl acrylate to form an extruded product, which method comprises tumble mixing the copolymer in granular form, powder form or particulate form with a silane and with a compound capable of forming free radicals such as peroxides in the copolymer, the silane and compound capable of forming free radicals being in liquid form or in solution subjecting the mixture thus obtained, after or during addition thereto of a silanol condensation catalyst such as dibutyl tin dilaurate to extrusion by conventional method in an extruder which plasticises, homogenises and discharges the mixture; and allowing the extruded product to crosslink under the effect of water or moisture.

CLASS 40B. 143866.

Int. Cl. B01j 11/00.

METHOD FOR THE IN SITU REACTIVATION OF A CATALYST BED.

Applicant : U O P INC., FORMERLY KNOWN AS UNIVERSAL OIL PRODUCTS COMPANY, OF TEN UOP PLAZA ALGONQUIN AND MT. PROSPECT ROADS DES PLAINES, ILLINOIS, U.S.A.

Inventors : VANCE PAUL BURTON & MICHAEL ZANE MILULICZ.

Application No. 1076/Cal/75 filed May 28, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings.

A method for the in situ reactivation of a catalyst bed disposed within a hydrocarbon polymerization zone, said catalyst bed being composed of particulate polymerization catalyst comprising a mixture of phosphoric acid and a porous silicious material selected from the class consisting of keiselguhr, infusorial earth and diatomaceous earth, said catalyst bed having been deactivated during polymerization of an admixture of hydrocarbons containing olefins with two to fifteen carbonatoms per molecule by formation of high molecular weight tar-like polymers and carbonized hydrocarbons on the surface of the catalyst particles, which method comprises :

(i) inundating the entiroty of said catalyst bed with a hydrocarbon mixture boiling within the temperature range of from about 40°C to about 230°C and containing from about 15% to about 85% by weight aromatic hydrocarbons at a temperature of from about 90°C to about 260°C and a pressure of from about 8 atm. to about 20 atm. within said reaction zone;

(ii) dissolving within said hydrocarbon mixture at least a portion of said polymers and carbonized hydrocarbons;

(iii) withdrawing said naphtha, now containing dissolved catalyst deactivating materials, from said reaction zone; and

(iv) repeating steps (i), (ii) and (iii) above at least one time.

CLASS $32F_{aa}$. 143867.

Int. Cl. C07c 69/00.

PROCESS FOR PRODUCING AN AROMATIC CARBONATE, THIOCARBONATE OR IMIDOCARBONATE.

Applicant : ANIC S.P.A. OF VIA MARIANO STABILE, 216, PALERMO, ITALY.

Inventors : GABRIELLO ILLUMINATI, 2) UGO ROMANO, 3) RENATO TESEI.

Application No. 1177/Cal/75 filed June 16, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A process for producing an atomatic carbonate, thiocarbonate or imidocarbonate, having one of the formulae shown in Figure 1 & 2.

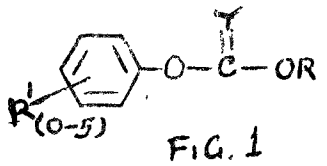


FIG. 1

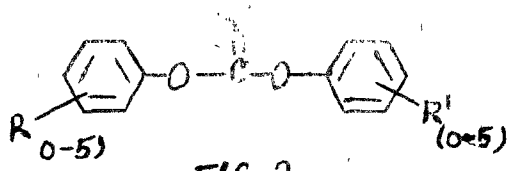


FIG. 2

where R is an alkyl radical, Y is selected from =O, =S and =NH, and R^1, when present, is selected from $-NO_2$ and alkyl, alkoxy, aryl and aryloxy radicals which are optionally substituted, and when more than one radical R^1 is present in a ring, the radicals R^1 are the same as or different from each other; which process comprises reacting in the presence of a Lewis acid catalyst (a) a phenol or acyl ester thereof having the formula shown in Figure 3.

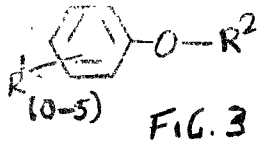


FIG. 3

where R^1 is as defined above and R^3 is a hydrogen atom or an acyl radical, with (b) an alkyl carbonate, thiocarbonate or imidocarbonate of formula

$$R-OC(=Y)-O-R^3$$

where R and Y are as defined above and R^3 is an alkyl or cycloalkyl radical, wherein, when the ratio of the phenol or acyl ester thereof to the alkyl carbonate, thiocarbonate or imidocarbonate is less than 1 : 1, the compound of the formula shown in Figure 1 is formed, and when said ratio exceeds 1 : 1 the compound of the formula shown in Figure 2 is formed.

CLASS 34A. 143868.

Int. Cl. B29d 7/00.

A METHOD FOR MAKING AN IMPROVED POLYETHYLATE TEREPHTHALATE FILM.

Applicant: CELANESE CORPORATION, OF 1211 AVENUE OF THE AMERICAS, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

Inventors: KEITH DOUGLAS DODSON AND THOMAS GREGORY SQUIRES.

Application No. 1198/Cal/75 filed June 17, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims. No drawings.

A method for making an improved polyethylene terephthalate film characterized by the inclusion of a small particle size inert additive as herein defined having an average particle size ranging between 10 and 1000 millimicrons and provided in a concentration in the range of between 0.5 percent and 2.5 per cent by weight of the total film and further characterized by inclusion of a large particle size inert additive as herein defined having an average particle size in the range of between 0.5 and 30 microns, said large particle size inert additive present in a concentration in the range of between 0.002 per cent and 0.018 per cent by weight of the film, said large particle size and said small particle size inert additives being substantially completely dispersed throughout said film wherein said film has a thickness no greater than 2 mils, a haze not in excess of 2.5 per cent and a kinetic coefficient of friction not in excess of 0.7.

CLASS $32F_2a$ & $70C_7$. 143869.

Int. Cl. C07c 85/10; C07b 1/00; G01n 27/52.

IMPROVEMENTS IN OR RELATING TO THE ELECTROLYTIC REDUCTION OF O-NITROPHENOL TO O-AMINOPHENOL.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors: HANDADY VENKATAKARISHNA UDUPA, AND PAYYALLUR NARAYANAN ANANTHARAMAN.

Application No. 1482/Cal/75 filed July 29, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

2 Claims. No drawings.

A process for the preparation of o-aminophenol by electrolytically reducing a suspension of o-nitrophenol to o-aminophenol in a supporting electrolyte of mineral acid preferably sulphuric acid upto a concentration ranging between 10-20% (V/V) but preferably 20% (V/V) using stationary or rotating electrode of copper characterised in that there is added as addition agent titanous or titanic sulphate or concentration equivalent to 10g TiO_2 per litre of catalyte using current density ranging between 1-25 amp/dm^2 but preferably 20 A/dm^2 and temperature 50—60°C.

CLASS 40F & $108B_1$. 143870.

Int. Cl. B01j 1/00; C21b 13/08; B01j 1/06; 1/16.

A PROCESS FOR THE MANUFACTURE OF SPONGE IRON FOR MAKING STEEL IN ELECTRIC FURNACES.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors: DIPENDRA NARAYAN DEY, ARYANDRA KUMAR JOUHARI, ANIL KANTA TRIPATHY AND PRAFULLA KUMAR JENA.

Application No. 1819/Cal/75 filed September 22, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

8 Claims. No drawings.

An improved process for the manufacture of sponge iron for use in making of steel in electric furnaces comprises in admixing iron oxide/ore with carboneous materials as herein defined and reducing the reaction mass in an externally heated horizontal furnace in the presence of carbon dioxide or flue gases.

CLASS 179-A. 143871.

Int. Cl. B65d 39/00.

DISPENSER CLOSURE.

Applicant: WELTAP LIMITED, OF 400 GLOUCESTER BUILDING, HONGKONG.

Inventor: WILLIAN CHARLES WELSH.

Application No. 94/Cal/76 filed January 16, 1976.

Convention date February 7, 1975, PC 0510 and PC 1424/75) Australia.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A dispenser closure comprising a tubular spout to be connected at one end to a fluid container, and a diaphragmatic transverse wall of elastomeric material mounted across the other end of the spout, said transverse wall having a concave configuration which extends into said spout, an inwardly directed peripheral flange mounted on said transverse wall to sealingly engage with the inner tubular surface of said spout, a discharge outlet formed in a lower portion of said transverse wall providing communication between the exterior of said dispenser closure and a portion of the region of sealing engagement between the tubular surface of said spout and said peripheral flange, an outwardly directed protrusion extending from said transverse wall to be manipulated to distort the transverse wall and the portion of the peripheral flange, an adjacent the discharge outlet to cause fluid flow from the container through the discharge outlet.

CLASS 83B$_0$ & 143D$_4$ & 5. 143872.

Int. Cl. B65b 11/28; B65d 65/00.

IMPROVED DEVICE FOR CO-ORDINATING ARTICLES SUPPLIED IN BULK AND FOR SUCCESSIVELY SUPPLYING THEM ONE BY ONE TO A WRAPPING MACHINE, PARTICULARLY FOR CHOCOPLATES AND THE LIKE PRODUCTS.

Applicant : G. D. SOCIETA' PER AZIONI, OF VIA POMPONIA 10, BOLOGNA, ITALY.

Inventor : SERAGNOLI ENGO.

Application No. 127/Cal/76 filed January 22, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

An improved device for feeding a wrapping machine with chocolate like articles and the like products arranged in succession one by one and disposed lengthwise with respect to their direction of movement and being oblong in shape with a flat base, comprising a continuously rotating disc fed with said products supplied in bulk, switching or deviating and guide means arranged above said disc and defining a spiral path terminating at a tangent outlet, and a straight conveying means arranged to connect said tangential outlet to said wrapping machine and to continuously moving at a speed higher than the tip speed of said disc, said conveying means being laterally delimited by a fixed size guard board, the device being characterized in that said switching or deviating and guide means arranged above said disc and defining the spiral path terminate at the tangential outlet at a minimum distance from the edge of the disc, said distance being longer than half the largest dimension of the products, and in that said conveying means is inclined transversally to the direction of movement and towards said side guard board.

CLASS 39-K. 143873.

Int. Cl. C01b 17/74.

PROCESS OF PRODUCING SULFURIC ACID.

Applicant : BAYER AG., 509 LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY AND METALLGESELLSCHAFT AG., REUTERWEG 14, 6 FRANKFURT AM MAIN, FEDERAL REPUBLIC OF GERMANY.

Inventors : KARL HEINZ DORR, 2) HUGO GRIMM, 3) KARL SCHMITT, 4) GEORG SCHMIDT, 5) DR. RUDOLF GERKEN, 6) DR. HELMUT FEUCHT, 7) CHRISTOPH MUCKE, 8) DR. WOLFGANG-DIETER MULLER, & 9) HERMANN WIESCHAN.

Application No. 1063/Cal/76 filed June 17, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A process of producing sulfuric acid which comprises catalytically reacting SO_2 to form SO_3 in gases which contain more than 10% by volume SO_2 and which have been cooled, purified and dried before being fed to the catalytic reaction system, heating purified SO_2 containing gases to the operating temperature of the first contacting tray by a heat exchange with SO_3-containing hot gases which flow between contacting trays and which are cooled by said heat exchange to the operating temperature of the next following contacting tray, subjecting the SO_3 which has been formed in a plurality of contacting trays of a first catalytic reaction stage to interstage absorption in sulfuric acid at elevated temperature, subjecting the SO_2 containing gases which leave the first catalytic reaction stage to cooling in two stages before the gases are subjected to interstage absorption, reheating in the first cooling stage the gases which leave the interstage absorption system to the operating temperature of the next following contacting trays subjecting the gases which have been completely catalytically reacted in the second catalytic reaction stage to cooling in a final heat exchanger whereby heat is recovered which is not required in the catalytic reaction system, and absorbing in a final absorber the SO_3 which has been produced in the second catalytic reaction stage, characterised by the combination of the following steps :

(a) the production of sulfuric acid is combined with an increase of the concentration of sulfuric acid in dilute sulfuric acid;

(b) Oxygen—containing gases are admixed at such a rate to a partial stream of SO_2-containing gases that the gas mixture can be reacted at least in a first contacting tray until the reaction $SO_2+1/2\ O_2=SO_3$ has proceeded to an equilibrium below or at the highest temperature which is permissible for the catalyst i.e. temperature at which the catalyst is not yet damaged.

(c) The gas mixture is subjected to a heat exchange with SO_2 containing hot gases flowing between contacting trays and is thus heated to the operating temperature of the first contacting tray;

(d) The SO_3 containing gas from the first contacting tray is mixed with the remaining SO_2 containing gas and the resulting mixture is fed to a further contacting tray of the first catalytic reaction stage;

(e) The rate at which the partial stream of SO_2-containing gases is fed to the first contacting tray is controlled such that (to the rate of) SO_3 produced in step (b) when mixed with the remaining SO_2 containing gas according to step (d) is in such a ratio (to SO_3) in the mixture that the reaction in the succeeding contacting trays proceed to an equilibrium below or at the highest temperature which is permissible of the catalyst;

(f) SO_3 is removed from the catalytically reacted gases by interstage and final absorption at operating temperatures of 100—200°C, preferably 110—160°C;

(g) The catalytic reaction in the second catalytic reaction stage is carried out in at least two contacting trays and the gases are cooled between the contacting trays;

(h) Water is expelled from the dilute sulfuric acids in that the latter are directly contacted with hot gases consisting of the contact process exhaust gases which have been subjected to final absorption and/or of inert gases having a low water content;

(i) the expelling gases are heated with at least part of the heat which becomes available in the final heat exchanger, which succeeds the second catalytic reaction stage; and

(j) the expelling gases are heated with at least part of the heat which becomes available during the cooling of the catalytically reacted gases in step (g) and/or with at least part of the heat which becomes available in the second cooling stage which succeeds the first catalytic reaction stage and precedes the interstage absorption.

CLASS 61-I & 84C. 143874.

Int. Cl. C10-L. 5/00; B01d 33/06.

PROCESS AND APPARATUS FOR THE PREPARATION OF DE-WATERED CARBONACEOUS PARTICLES.

Applicant : SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V., OF CAREL VAN BYLANDTLAAN 30, THE HAGUE, THE NETHERLANDS.

Inventors : BEREND PHILIPPUS TER MEULEN AND BERNARDUS HERMAN MINK.

Application No. 71/Cal/77 filed January 1, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A process for the preparation of de-watered carbonaceous particles from a suspension of carbonaceous fines in water, the suspension being brought to turbulence in an agglomeration zone with addition of a liquid light hydrocarbon or mixture of hydrocarbons, characterized in that the mixture of liquid and agglomerates leaving the agglomeration zone is passed through the drum of a rotary sieve, in which sieve drum the mixture is filtered and the agglomerates are dewatered while being transported to the outlet of the drum, after which the light hydrocarbon(s) is (are) recovered by evaporation and condensation.

CLASS 32C & 55E$_4$. 143875.

Int. Cl. A61k 27/00.

PROCESS FOR THE ISOLATION OF A PHARMACOLOGICALLY ACTIVE SUBSTANCE FROM COLEUS FORSKOHLII.

Applicants : HOECHST PHARMACEUTICALS LIMITED, OF HOECHST HOUSE, NARIMAN POINT, 193, BACKBAY RECLAMATION, BOMBAY-400 021, (FORMERLY AT DUGAL HOUSE, BACKBAY RECLAMATION, BOMBAY-400 020 AND RAMON HOUSE, BACKBAY RECLAMATION, BOMBAY-20), MAHARASHTRA STATE, INDIA.

Inventors : DR. ALIHUSSEIN NOMANBHAI DOHADWALLA), (2) DR. SUJATA VASUDEV BHAT, (3) PROF. BANI KANTA BHATTACHARYA, (4) DR. NOEL JOHN DESOUZA, AND (5) DR. HORST DORNAUER.

Application No. 243/Bom/75 filed September 6, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

10 Claims.

A process for isolating a pharmacologically active substance from the plant *Coleus forskohlii* which comprises extracting the dried and ground plant material first with a hydrocarbon solvent such as herein described and then with a halogenated hydrocarbon such as herein described, evaporating the halogenated hydrocarbon extract to give a residue, extracting the residue with an alkanol such as herein described, evaporating the alkanol extract to give a residue, subjecting the resulting residue to column chromatography as herein described, evaporating the eluted fractions to give a residue and recrystallising the residue from organic solvents such as herein described to give the pharmacologically active substance.

CLASS 139E & F. 143876.

Int. Cl. C01b 13/00; 21/00; F25j 3/04.

SEPARATING AIR TO PRODUCE OXYGEN AND/OR NITROGEN IN THE LIQUID STATE.

Applicant : NUOVO PIGNONE S.P.A. OF VIA F. MATTEUCCI 2, FIRENZE, ITALY.

Inventor : GIUSEPPE ANGUZZA.

Application No. 1446/Cal/75 filed July 24, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A process for producing exygen and/or nitrogen in the liquid state, which comprises cooling feed air in a heat exchanger, partially liquefying the cooled air by expanding it through a first turbine and/or an expansion valve and subjecting the partially liquefied air to fractionation in a fractionating column from which liquefied oxygen and/or nitrogen is withdrawn, wherein the pressure of the cooled air upstream of the turbine and/or the expansion valve is greater by from 1 to 3 atmospheres than that in the fractionating column, and a cooled component from the fractionating column is used to cool the feed air in the heat exchanger and thereafter is expanded in a second turbine which drives a load, the second turbine being present regardless of the absence or presence of the first turbine.

CLASS 139-G. 143877.

Int. 01. C01b 17/00.

A METHOD FOR THE MANUFACTURE OF SULPHUR FROM BY PRODUCT GYPSUM.

Applicant : FERTILIZER CORPORATION OF INDIA LTD., P.O. SINDRI, DT. DHANBAD, BIHAR, HAVING A REGISTERED OFFICE AT F-43, RING ROAD, SOUTH EXTENSION AREA, PART 1, NEW DELHI-49, INDIA.

Inventors : NETI SITARAM ANJANEYULU, (2) DINKAR MADHAORAO THAKRE, (3) LALGUDI PANCHAPAKESEN SUBRAMANJAN, (4) SURES CHANDRA BISWAS, DHANRAJ OSWAL AND MOHAN LAL.

Application No. 2082/Cal/75 filed October 29, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims. No drawings.

A method for the manufacture of sulphur from gypsum source e.g. by product gypsum, marine gypsum and/or natural gypsum which comprises preparing modules from a pulversied gypsum source, gypsum plaster and a carbonaceous reducing agent, using water, followed by roasting the modules so prepared in presence of air and recovering the sulphur from the gases produced in a conventional manner.

CLASS 139-G. 143878.

Int. Cl. C01b 17/00.

A PROCESS FOR THE MANUFACTURE OF SULPHUR FROM PYRITE FERROUS SHALE.

Applicant : FERTILIZER CORPORATION OF INDIA LTD., P.O. SINDRI, DT. DHANBAD, BIHAR, HAVING ITS REGISTERED OFFICE AT F-43, RING ROAD, SOUTH EXTENSION AREA, PART 1, NEW DELHI-49, INDIA.

Inventors : NETI SITARAM ANJANEYULU, (2) DINKAR MADHAORAO THAKRE, (3) SUDHAKAR BIREWARD, (4) VED PRAKASH SABHARWAL, (5) ANANDI PRASAD SINGH, (6) SHYAM MURARI, TRIPATHY.

Application No. 2083/Cal/75 filed October 29, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims. No drawing.

A method for the manufacture of sulphur from pyrites which comprises making modules from pulverised purites using lime and moisture, the amount of lime being sufficient enough to bind the pulverised purites to form modules, with water followed by roasting the thus formed modules at temperautres of about 600° to 800°C in presence of excess quantity of air than required theoretically for liberating sulphur dioxide from the purites which is automatically reduces to sulphur by the carbon present in the purites thereafter recovering in a conventional manner the sulphur thus obtained.

CLASS 35 B & C. 143879.
Int. Cl. C04b 7/36 and 9/20.

A PROCESS FOR THE MANUFACTURE OF CEMENT CLINKER IN A VERTICAL SHAFT KLIN.

Applicant & Inventor : DR. HOSAGRAHA CHANDRA SHEKHARIA VISVESVARAYA, M-10, SOUTH EXTENSION, PART-II, NEW DELHI-110049, INDIA.

Application No. 28/Cal/76 filed February 18, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

3 Claims. No drawing.

In a method of manufacturing cement clinker in a vertical shaft kiln characterized in providing only calcining, burning and cooling zones in said kiln, said zones having each a temperature known in the art, and wherein dried or partly dried nodules are fed into said kiln.

CLASS 32F. 143880.

Int. Cl. C08f 3/24.

IMPROVEMENT IN THE PROCESS FOR THE MANUFACTURE OF SUSPENSION POLYMERS OF TETRAFLUOROETHYLENE.

Applicant: HOECHST AKTIENGESELLSCHAFT, OF 6230 FRANKFURT/MAIN-80, FEDERAL REPUBLIC OF GERMANY.

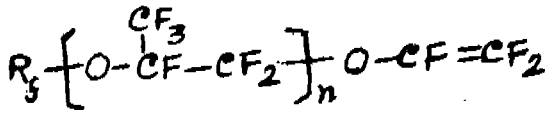
Inventors: JURGEN KUHLS, (2) ALFRED STEININGER, (3) HERBERT FITZ, and (4) REINHARD SULZBACK.

Application No. 916/Cal/76 filed May 26, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

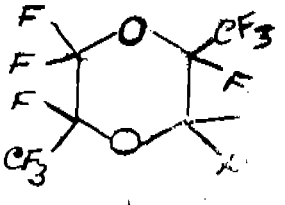
5 Claims.

Process for polymerizing tetrafluoroethylene by the suspension process in the presence of the usual catalysts and optionally buffer substances, precipitating agents and optionally small amounts of emulsifiers and heavy metal salts, which comprises carrying out the polymerization in the presence of from 0.0004 to 0.0029 mol %, calculated on the tetrafluoroethylene used, of a perfluorinated ether of the general formula I.



Formula I

wherein n is zero and R_f is a perfluoroalkyl radical with 1 to 10 carbonatoms or a radical of the formula II.



Formula II

or wherein n is 1 to 4 and R_f is CF_3- $(CF_2)_2$-or a radical of the formula II shown in the drawings or a mixture of such perfluorinated ethers as modification agent.

CLASS 88F & 198-D. 143881.

Int. Cl. B01d 47/08.

PROCESS FOR RECOVERING UREA POWDER.

Applicant: SNAMPROGETTI S.P.A., OF CORSO VENEZIA 16, MILANO, ITALY.

Inventors: VINCENZO LAGANA, AND UMBERTO ZARDI.

Application No. 628/Cal/75 filed March 29, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A process for recovering urea powder from a suspension of the powder in a gas or gaseous mixture, which process is characterized by the steps of feeding the suspension of the urea powder in a gas or gaseous mixture to an ejector (as hereinbefore defined) having as the driving fluid a liquid, whereby the liquid driving fluid dissolves or suspends the urea powder originally suspended in the gas or gaseous medium; and recovering urea powder from the solution or suspension of the same in the fluid driving fluid.

CLASS 39-L & 40F. 143882.

Int. Cl. C01f 7/04.

A PROCESS FOR OBTAINING METAL OXIDES FROM MINERALS ROCKS OR INDUSTRIAL WASTE PRODUCTS CONTAINING ALUMINIUM OXIDE.

Applicant: CHEMOKOMPLEX VEGYIPARI GEP-ES BERENDEZES EXPORT-IMPORT VALLALAT, OF 60, NEPKOZTARSASAG-UTJA, BUDAPEST VI, HUNGARY AND TATABANYAI SZENBANYAK, OF TATABANYA, HUNGARY.

Inventors: KAROLY SZEPESI, (2) LAJOS MESZAROS, (3) DR. JANOS MAJER, (4) JOZSEF ZOLDI, AND KARL ENTZMANN.

Application No. 650/Cal/75 filed April 1, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims. No drawings.

A process for obtaining metal oxides, either separately or mixed together, by dissolving them out from minerals, rocks or industrial waste, characterized by—

(a) using as starting material bauxite, or any raw material of an alumina plant, clay, red mud, K_2O-containing silicates bentonite, volcanic tuff or fly-ash of pulverized coal-heated power plants;

(b) grinding this starting material to a particle diameter of 150 to 350, if necessary;

(c) adding to the mix 1-3 moles of Cao for each mole of Al_2O_3 and an additional mole of Ca++ for each mole of SiO_2 present in the starting material;

(d) kneading the mixture obtained from (c) with water to form a homogeneous mass having a plastic state;

(e) homogenizing the mass obtained from step (d) and forming the mass, if so desired, followed by repetition of the steps of homogenizing and forming, as necessary;

(f) sprinking the mass from step (e) with water at ambient temperature and at atmospheric pressure followed by a treatment with steam at a temperature not exceeding 100°C or alternatively autoclaving the said mass at a temperature between 100°C and 200°C, whereby the mass becomes solidified;

(g) comminuting the solidified mass to a particle size of 100 u to 5 mm;

(h) leaching the metal oxide or oxides out of the comminuted material by treatment with either an acidic or an alkaline leaching liquor; and

(i) separating the remainder and subjecting it to a conventional hydrothermal solidification treatment.

CLASS 79. 143883.
Int. Cl. G11b 1/04.

INFORMATION CARD CARRIER DEVICE.

Applicant & Inventor: SURINDAR NATH KATARIYA, OF C-14, MAHARANI BAGH, NEW DELHI-110014, INDIA.

Application No. 1009/Cal/75 filed May 20, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

An information card carrier device comprising a frame or cabinet having a hinged shutter, at least one shaft having at least two card carrier members mounted thereon, said card carrier members constituting rotatable drums and adapted to have a rotational movement about a horizontal axis on

said shaft, a plurality of compartments provided in said card carrier members such as to receive a plurality of information cards to be disposed in a stacked relationship within said compartments and in which the top card carrier member has an opening for providing access to the lower card carrier member.

CLASS 172-D_3. 143884.

Int. Cl. D01h 7/00.

A DOUBLE OR TWO FOR ONE TWISTING SPINDLE.

Applicant: PALITEX PROJECT-COMPANY GMBH., OF WEESERWEG 8, 415 KREFELD, WEST GERMANY.

Inventor: GUSTAV FRAZEN.

Application No. 1534/Cal/75 filed August 5, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A double or two-for-one twisting spindle fitted with a compressed air operated threading device adapted to introduce a thread into a hollow shaft of the spindle by suction produced by an injector effect and to direct the thread by means of a jet of compressed air through the thread guiding duct of a thread storage disc of a spindle rotor; wherein the threading device comprises an injector nozzle disposed directly above the spindle rotor and directed towards the thread storage disc; wherein a protective hood is mounted on the spindle rotor and is provided with a duct which extends from the outer circumference of the protective hood to the injector nozzle; and wherein the outer end of the duct is adapted to be connected a compressed air source through a connection piece.

CLASS 145F. 143885.

Int. Cl. D21c 9/14.

A PROCESS FOR TREATMENT OF IMPURITIES IN PAPER PLANT EFFLUENCE.

Applicant & Inventor: AJIT KRISHAN LAL, B-24, KAILASH COLONY, NEW DELHI-110048, INDIA.

Application No. 1868/Cal/75 filed September 30, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims. No drawings.

A process for recovering lignins from paper plant affluent having unbleached lignins and other impurities which comprises subjecting said effluent to a step of effective cooling in a cooling tower or by contact with a cold stream, to produce colloids of the lignin, and then subjecting the effluent having the colloids to a step of bleaching using usual bleaching agent to bleach the colloids of lignin and thereafter recovering the colloids of lignin for reuse.

CLASS 145-F. 143886.

Int. Cl. D21c 9/14.

A PROCESS FOR THE TREATMENT OF PAPER PLANT EFFLUENCE.

Applicant & Inventor: AJIT KRISHAN LAL, B-24, KAILASH COLONY, NEW DELHI-110048, INDIA.

Applicant No. 1869/Cal/75 filed September 30, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims. No drawing.

A process for the treatment of paper plant effluent having impurities like high molecular weight organic compounds such as unbleached lignins and low molecular weight organic compounds such as dye particles, present therein to obtain treated effluent having less impurities or no impurities which comprises subjecting the said effluent to a step of colloid formation of said unbleached lignins by subjecting the said effluent to effective cooling in cooling tower or in contact with another cold stream, removing the lignins in the form of colloids after subjecting the colloids to a step of bleaching by treating the effluent having colloids with the conventional bleaching agent, followed by contacting the colloids free effluent with activated carbon to adsorb said low molecular organic compounds to obtain a final effluent having less impurities or free from impurities.

CLASS 145-F. 143887.

Int. Cl. D21c 9/14.

A METHOD FOR TREATMENT OF PAPER PLANT EFFLUENCE.

Applicant & Inventor: AJIT KRISHAN LAL, B-24, KAILASH COLONY, NEW DELHI-110048, INDIA.

Application No. 1870/Cal/75 filed September 30, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

2 Claims. No drawing.

A process for the treatment of paper plant effluent having impurities high molecular weight organic compounds, such as unbleached lignins and low molecular weight organic compounds, such as dye pigement particles, present therein to obtain effluent having less impurities or free of impurities which process comprises subjecting the effluent with impurities to a step of bleaching using conventional bleaching agent to bleach said high molecular weight organic compounds and thereafter subjecting the resulting effluent to treatment with activated carbon to adsorb said high molecular weight organic compounds (bleached) and said low molecular weight organic compounds and to result in a final effluent having less impurities or free of impurities.

CLASS 69-Q & 98E & 206E. 143888.

nt. Cl. G01k 7/00.

THERMAL SENSING ALARM.

Applicant: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors: DR. VISHNU GANESH BHIDE, (2) DR. MAN MOHAN PRADHAN, (3) DR. SATYA PRAKASH VARMA AND SRI RAKESH KUMAR GARG.

Application No. 2106/Cal/75 filed November 4, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims.

A thermal sensing alarm comprising a detector electrically connected to a tuned amplifier and an alarm unit with electric bell wherein the detector, the tuned amplifier and an alarm unit with electric bell are energised by a common power supply, whereby when thermal radiation falls on the detector, it is converted into an electric signal, the signal is amplified and fed to the alarm unit with electric bell whereby the electric bell is operated by the amplified signal energising an electronic switch in the alarm unit characterised in that the tuned amplifier consists of two operational amplifier integrated circuits with a filter circuit, further characterised in that a chopper is provided before he detector whereby when the thermal radiation is chopped by the chopper and the tuned amplifier is tuned to the chopping frequency, the signal to noise ratio increases, thereby increases the sensitivity of the detection by the alarm unit with electric bell.

CLASS 32E. 143889.

Int. Cl. C08f 13/50.

A PROCESS FOR THE MANUFACTURE OF POLYMER MIXTURE FOR MAKING INTERMEDIATE SHEETING FOR LAMINATED GLASS.

Applicant: HOECHST AKTIENGESELLSCHAFT OF 6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors: HANS DIETER HERMANN, (2) JOACHIM EBIGT, & (3) KLAUS FABIAN.

Application No. 2147/Cal/75 filed November 11, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawing.

A process for the manufacture of a polymer mixture which comprises acetalizing with n-butyraldehyde in the presence of any known acid catalyst suitable for acetalization, a mixture of 70 to 97.5 parts by weight of a polyvinyl alcohol having a viscosity of from 25 to 40 cp in a 4% aqueous solution at 20°C and 30 to 2.5 parts by weight of a polyvinyl alcohol having a viscosity of 3 to 15 cp in a 4% aqueous solution at 20°C, the ratio Mw/Mn of the weight average to the numerical average of the molecular weight of the two polyvinyl alcohol components being smaller than 5.

CLASS 152-E. 143890.

Int. Cl. C08f 29/00.

A SCORCH RESISTANT VULCANIZABLE COMPOSITION AND A PROCESS FOR PREPARING SUCH COMPOSITION.

Applicant: UNION CARBIDE CORPORATION, OF 270 PARK AVENUE, NEW YORK, STATE OF NEW YORK-10017, UNITED STATES OF AMERICA.
Inventor: DONALD LINCOLN SCHOBER.

Application No. 2260/Cal/75 filed November 26, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims.

A scorch resistant vulcanizable composition comprising, in weight ratio.

100 parts by weight of ethylene polymer, about 0.1 to 5.0 parts by weight of dicumyl peroxide, and

about 0.05 to 2.0 parts by weight of atleast one hydroperoxide selected from the group consisting of cumene hydroperoxide and tertiary butyl hydroperoxide.

said dicumyl peroxide and said hydroperoxide being used in a weight ratio, to each other, of about 4 : 1 to 40 : 1 and

said composition having an efficiency factor of atleast about 3 units above the efficiency factor of said composition in the absence of said hydroperoxide when said efficiency factor is determined on the basis of rheometer curves obtained from a Monsanto Rheometer at a cure temperature of 360°F., using a rheometer at oscillation of 110 CPM and an arc of ±5°.

CLASS 128A & 155C. 143891.

Int. Cl. A61f 13/20; D04h 1/00.

ABSORBENT PRODUCT WITH REDUCED SLOUGHING PROPERTIES AND A CATAMENIAL TAMPON USING SAME.

Applicant: PERSONAL PRODUCTS COMPANY, OF MILLTOWN, NEW JERSEY, U.S.A.

Inventors: KAYS CHINAI, AND ALFRED AMEND.

Application No. 2269/Cal/75 filed November 27, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

In a catamenial tampon comprising a pad of absorbent material turned upon itself to form a blank, the improvement wherein means are provided for reducing sloughing, said means comprising having printed on atleast one surface of said pad, a non occlusive pattern of adhesive binder, said surface being that which is atleast partially exposed after said pad is formed into said blank.

CLASS 34A & 172D$_4$. 143892.

Int. Cl. D01f 1/02; D02g 1/04.

METHOD FOR THE MANUFACTURE OF TWISTLESS OR SUBSTANTIALLY TWISTLESS YARN AND YARN MANUFACTURED BY THE APPLICATION OF THAT METHOD.

Applicant: HOLLANDSE SIGNAALAPPARATEN B.V., ZUIDELIJKE HAVENWEG 40, HENGELO (O), THE NETHERLANDS.

Inventors: THOMAS HENRICUS MARIE TERWEE AND JAN NIJHUIS.

Application No. 2330/Cal/75 filed December 12, 1975.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims, No drawings.

Method for the manufacture of twistless or substantially twistless yarn from a sliver or a roving which consists of a fibrous material containing atleast two components, atleast one of which being a potential adhesive, whereby the sliver or the roving is subjected to a plurality of processes, one of said processes being atleast the wet-drafting of the silver or the roving to a thinner fibrous sliver, the false twisting, the supply of additional moisture and the bonding of the fibrous sliver by activation of the potentially adhesive component, and the drying of the fibrous sliver, wherein after the application of additional moisture the fibirous sliver is passed through a narrow space and heated, giving rise to evaporation of a small amount of moisture in the fibrous sliver and a rapid saturation of moisture in said narrow space, such that the potentially adhesive component is sufficiently activated by the residual moisture in the fibrous sliver.

CLASS 32F$_2$a & 32F$_1$. 143893.

Int. Cl. C07c 131/00 & 135/00.

PROCESS FOR THE PREPARATION OF NOVEL OXIME ETHERS.

Applicant: EGYT GYOGYSZERVEGYESZETI GYAR, OF 30, KERESZTURI UT, BUDAPEST X, HUNGARY.

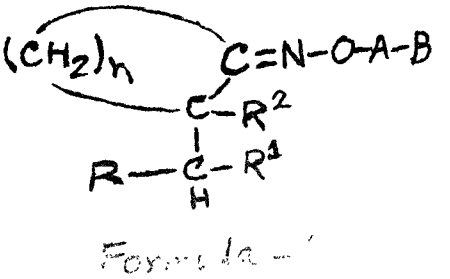
Inventors: DR. ZOLTAN BUDAI, (2) ARANKA LAY NEE KONYA, (3) TIBOR MEZEI, (4) DR. KATALIN GRASSER, (5) ENIKO SZIRT NEE KISZELLY, (6) DR. IBOLYA KOSOCZKY & DR. LUJZA ERDELYI PETOCZ.

Application No. 195/Cal/76 filed February 3, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for the preparation of novel oxide ethers of the general formula 1.

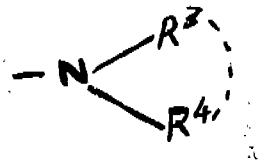


Formula -

wherein R denotes a phenyl radical which may be substituted by a halogen atom or by one or more C_1-C_4 alkoxy hydroxyl, nitro or di (C_1-C_3 alkyl) amino groups;

R^1 and R^2 denote a hydrogenatom each or together a valence bond; A denotes a C_2-C_4 straight or branched -chain

alkylene group; B denotes an amino or a di (C_{1-4} alkyl) amino group or a group of the general formula II.

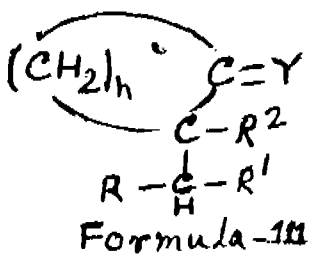


Formula II

wherein R^3 and R^4 denote together a C_4-C_7 alkylene chain which may contain also a further oxygen or nitrogen hetero-atom and the latter may carry also a C_1-C_3 alkyl or a benzyl substituent, and

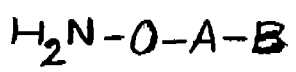
n denotes an intejer from 3 to 10,

and their pharmaceutically acceptable acid addition salts, characterized in that a ketone of the general formula III.



Formula-III

wherein R, R^1, R^2 and n have the same meanings as above whereas Y denotes an oxygen, is reacted with a hydroxylamine derivative of the general formula IV.



Formula - IV

wherein A and B have the above-specified meaning, and, if desired, converting in known manner the obtained compound of the general formula I into a therapeutically tolerable acid addition salt.

CLASS 195-B. 143894.

Int. Cl. F16k 9/00

APPARATUS FOR CONTINUOUS DISTRIBUTION OF A FLUID SUPPLIED THROUGH A PIPELINE.

Applicant & Inventor : LOURENS THEODOR VAN HAAFTEN, OF PLANTSEON LAANHORN 18, AMSTELVEEN, THE NETHERLANDS.

Application No. 408/Cal/76 filed March 6, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

An apparatus for continuous distribution of a fluid supplied through a pipeline by means of a succession of distribution valves in the pipeline, means being present for successively opening and closing said valves, *characterized in* that said means for opening and closing the distribution valves is formed by a plug element inserted in the pipeline which plug element is adapted to be impelled by the pressure difference between the fluid in the pipeline and the outer air, said distribution valves being executed such that the plug element can temporarily engage a part of it for opening said valve.

CLASS 23E. 143895.

Int. Cl. A45c 7/00.

A COLLAPSIBLE BOX STRUCTURE.

Applicant & Inventors : RAJKUMAR RAI, ANUPAM KUMAR RAI, KRISHNA KUMAR RAI AND SUNIT KUMAR RAI, OF 123, AWTAR SINGH ROAD, AGRA CANT., INDIA.

Application No. 784/Cal/76 filed April 29, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

7 Claims.

A collapsible structure for making a box is characterised in that atleast three planks are joined side by side one after the other by flexible jointing members or hinges such that the said planks can lie in a substantially flat position and down two of the side planks are raised along the intermediate plank then the said two planks form the two side walls while the intermediate plank constitutes the base, the box being completed by fitting the other walls to the said three walls of the box structure.

CLASS 10-B. 143896.

Int. Cl. F42b 1/00.

IMPACT DETONATOR.

Applicant : NICO-PYROTECHNIK HANNS-JURGEN DIEDERICHS KG., OF 2077, TRITTAU, BEI DER FEUERWERKEREI, WEST GERMANY.

Inventor : WILLI LUBBERS.

Application No. 896/Cal/76 filed May 24, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Impact detonator in which the primer cap containing the impact body arranged in a tinder-proof manner is fixed opposite to or in front of the primer with atleast one check ball which at the same time is accommodated in a bore hole of the ignition body and in an annular groove of the detonating body and enclosed from outside by the cartridge fuse and which further has an annular groove provided on the detonator body for a pellet or ball that is influenced by moment of intertia and rendered moveable in a space between the detonator body and the ignition head characterized in that the annular groove of the impact body comprises a percussion cap from edge of which extends externally a cone-shaped a funnel like element, speedly opposite said funnel like element there being rigidly installed a primer, said primer comprising a cylindrical part and a cone tip mounted thereon and facing said annular groove (funnel like element) in such a manner, that with target detonator a safe annulus for an intertia influenced ball results and by a premature suppression of projectile of said funnel like element with the tip of the cone of the primer a terminal voltage for the ball is built up.

CLASS 172D_3. 143897.

Int. Cl. D01h 7/92.

MEANS FOR PRODUCING FALSE TWIST YARN OR STRETCH YARN.

Applicant & Inventor : KIRTIKUMAR GANDHI, OF 17, CAMAC STREET, CALCUTTA-17, STATE OF WEST BENGAL, INDIA.

Application No. 1116/Cal/76 filed June 22, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

In a system for imparting false twist to the yarn generally including a heater and means for imparting false twist the improvement wherein means for imparting the false twist comprises a ring made of rubber or synthetic material which ring is rotated by friction when held between two grooved pulleys which are made to rotate and the yarn from the heater is slipped over the surface of the round section of said rotating ring to form an arc contact with said surface, whereby a false twist is imparted to the yarn.

CLASS 172-D_1. 143898.

Int. Cl. D01h 13/30.

DEVICE FOR APPLYING PARAFFIN TO A THREAD IN AN OPEN-END SPINNING APPARATUS BY MEANS OF SOLID PARAFFIN.

Applicant: SCHUBERT & SALZER MASCHINENFABRIK AKTIENGESELLSCHAFT OF FRIEDRICH-EBERT-STRASSE 84,8070 INGOLSTADT, WEST GERMANY.

Inventors: HNS LANDWEHRKAMP AND WERNER BILLNER.

Application No. 1779/Cal/76 filed September 27, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A device for applying paraffin to a thread in an open-end spinning apparatus by means of solid paraffin, which is carried by a spindle and, which further is acted on by a compression spring and adapted to be pressed against a supporting element, characterised in that the spindle is in an inclined position, and a spring holder is arranged at the lowermost of the spindle.

CLASS 83A_1. 143899.

Int. Cl. A23-L 1/10; 1/21.

PROCESS FOR THE PREPARATION OF AN EDIBLE VEGETABLE PROTEIN PRODUCT.

Applicant: NESTLE'S PRODUCTS LIMITED, OF NESTLE HOUSE, COLLINS AVENUE, NASSAU, BAHAMAS.

Inventors: DAVID ROBERT FARR. & JURG LOLIGER.

Application No. 1945/Cal/76 filed October 27, 1976.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims, No drawing.

A process for the production of an edible product based on vegetable proteins which comprises the steps of :

(i) forming a layer of an aqueous colloidal suspension of vegetable proteins and fats on a heated surface;

(ii) drying said layer of suspension on said surface in such a way that it forms a coherent film;

(iii) detaching said film from said heated surface and moistening said film;

(iv) stacking layers of said moistened film one on top of another to form a pile;

(v) compressing said stacked layers; and

(vi) cooking said compressed pile.

CLASS 40-F. 143900.

Int. Cl. B01j 1/22.

MULTI-BED ADSORBERS.

Applicant: CROFTSHAW (ENGINEERS) LIMITED, OF ACTION WORKS, BULL LANE, LONG MELFORD, SUFFOLK, ENGLAND.

Inventors: PERCY WILLIAM WHITE AND JOHN RONALD FOXCROFT.

Application No. 2138/Cal/76 filed November 30, 1976.

Convention date April 26, 1973 (19881/73) U.K.

Division of application No. 607/Cal/74.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

Adsorber apparatus comprising a closed container divided into two separate chambers by a partition having permeable and impermeable sections, the partition being formed as a single central tube having coaxially mounted thereon and supporting a series of hollow annular (as defined herein) shelves, the interior of each of which communicates with the interior of the central tube, the permeable sections of the partition being substantially horizontal and constituting the upper surfaces of the shelves which surfaces are adapted to support an adsorbent substance, the direction of fluid flow through which is upwardly, the container being provided with an inlet port and an outlet port one of which communicates with one chamber and the other of which communicates with the other chamber.

CLASS 24-E. 143901.

Int. Cl. B66d 5/02.

IMPROVEMENTS IN OR RELATING TO SELF-ACTUATING LOAD BRAKE.

Applicant: TRACTEL TIRFOR INDIA PRIVATE LIMITED, 15 GANESH CHANDRA AVENUE, CALCUTTA-700013, WEST BENGAL, INDIA.

Inventor: DR. PRADIP KUMAR CHAKRAVARTY.

Application No. 616/Cal/77 filed April 25, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

An improved self-actuating load brake for use in Hoisting or Pulling Equipment consisting of the reaction plate mounted on the load shaft which is coupled to the load wheel for supporting the load through a chain, a Ratchet friction Plate mounted freely on the load shaft or a collar of the Reaction Plate having two discs of friction material on either side of the Ratchet friction plate and a Pawl engaging with the Ratchet friction plate which is pivoted to the body of the hoisting equipment and a sliding sleeve screwed on the load shaft in contact with the external friction disc. the sliding sleeve being fixed to a hand chain wheel or operating lever, characterised by that the thread on the load shaft on which the sliding sleeve is screwed has multiple thread (or multistart thread) of V shaped threads comprising two or more threads giving the nevessary long "lead" and high strength and the sliding sleeve bore being provided with corresponding female multiple threaded to screw in smoothly on the load shaft.

OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Union Carbide India Limited to the grant of a patent on application No. 142580 made by Vilas Anandrao Kale.

(2)

The application for patent No. 139052 made by Strachan & Henshaw Ltd., in respect of which an opposition was entered by Design Institute, Heavy Machine Building Plant, Heavy Engineering Corporation Limited, as notified in Part III Section 2 of the Gazette of India dated the 20th November, 1976 has been treated as abandoned.

(3)

The application for patent No. 139053 made by Strachan & Henshaw Ltd., in respect of which an opposition was entered by Design Institute, Heavy Machine Building Plant, Heavy Engineering Corporation Limited as notified in Part III, Section 2 of the Gazette of India dated the 20th November, 1976 has been treated as abandoned.

(4)

The opposition entered by Lifting Equipments & Accessories to the grant of a patent on application No. 142229 made by Onkar Banerjee as notified in Part III, Section 2 of the Gazette of India dated the 7th January 1978 has been dismissed.

CORRECTION OF CLERICAL ERRORS

UNDER SECTION—78(3)

(1)

The title of the invention in the application of patent application No. 140918 (earlier numbered as 1689/Cal/73) the acceptance of which was notified in Part III, Sec.-2, of the Gazette of India dated 1st January 1977 has been corrected to read as "Improvements in or relating to preparation of phosphor grade zinc sulphide a raw material for the preparation of luminescent phosphors useful for luminescent devices from laboratory grade raw materials".

(2)

The title of the invention given in the application and specification of patent application No. 140982 (earlier numbered as 1183/Cal/73), the acceptance of which was notified in Part III, Section 2 of the Gazette of India dated the 8th January, 1977 has been corrected to read as "Method for the fabrication of structural members and a structural member so fabricated".

(3)

The title of the invention given in the application and specification of patent application No. 140994 (earlier numbered as 1985/Cal/74), the acceptance of which was notified in Part III, Section 2 of the Gazette of India dated the 8th January, 1977 has been corrected to read as "Method of repairing articles made of cast iron such as ingot moulds and articles made of cast iron so repaired".

(4)

The title of the invention in the application and specification of patent application No. 141191 (earlier numbered as 1030/Cal/74), the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 29th January 1977, has been corrected to read as "Friction plates and vehicle disc brakes including such friction plates" under sub-section (3) of Section 78 of the Patents Act, 1970.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

128826 129690 131944 132328 132337 132916 133122 133160
133301 133414 133511 133515 133707 133820 133918 134043
134070 134176 134450 134556 134700 134720 135001 135037
135582 135584 135586 135587 135595

(2)

132497 132591 133173 133270 133387 133508 133579 133610
133617 133645 133708 133734 133862 133902 133935 134165
134187 134247 134387 135222 135588 135589 135590 135591
135592 135593 135594 135599 135600 135601 135602

(3)

132781 133192 133248 133283 133309 133336 133808 133832
133863 133944 134350 135317

(4)

130840 131900 132552 132821 133168 133326 133561 133599
133628 133732 133814 134064 134343 134417 134420 134431
134445 134504 134515 134560 134603 134663 134664 134679
134896 134980 135000 135022 135038 135046 135079 135160
135631 135632 135633 135634 135635

LIST NO. 1

COMMERCIAL WORKING OF PATENTED INVENTIONS.

The following patents in the field of General & Mechanical Engineering Industry are not being commercially worked in India as admitted by the Patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970, in respect of Calender year 1976 generally on account of want of requests for licences to work the patented inventions. Persons who are interested to commercially work the said patents may contact the patentee for the grant of a licence for the purposes.

Sl.No.	Patent No.	Date of Patent.	Name & Address of Patentee.	Brief title of the invention.
1	2	3	4	5
1.	76982	2-6-1961	Trutzschler & Co., 82-92 Duvenstrasse, Rheydt, Odenkirchen, West Germany.	Mechanism for automatically extracting lap to be from the completed laps deposited on the delivery tray or beater and lap forming machinery.
2.	78264	28-8-1961	General Mills Inc., 9200 Wayzata Boulevard, Minneapolis 26, Minnesota OSA.	Process of milling beams.

1.	2.	3.	4.	5.
3.	78636	26-9-1961	Caterprillar Tractor Co, 100 N. E. Adams St., Peoria, Illinois 61629, U.S.A.	Push arm and mounting structure for tiltable bulldozer blade.
4.	78637	26-9-1961	Do.	Replaceable ripper tip.
5.	79290	19-9-1961	Harry Ridehalgh, Tower House, 78 Marlpit Lane, Coulsdon Surrey, England.	Blocks for forming or protecting marine structures.
6.	80629	6-2-1962	York Trailer Co. Ltd., St. Mark's Rd., Corly, Northants, England.	Road vehicles.
7.	82858	10-7-1961	F. L. Smidth & Co., A/s, 77 Vigerslev Alle, Copenhagen Valby, Denmark.	Rotory drums.
8.	83594	6-8-1962	Caterpillar Tractor Co., 100 N. E. Adams St., Peoria, Illinois 61629, U.S.A.	Hydraulic circuit for tractor drawn scraper and the like.
9.	83595	6-8-1962	Do.	Hydraulic circuit for tractor drawn implement.
10.	83676	18-8-1962	Do.	Hydraulic system for actuation of an earth moving scraper ejector.
11.	86324	2-2-1963	Casablancas High Draft Co. Ltd., Bolton St., Salford, 3, Manchester, Lancashire, England.	Bobbin holders for textile machine.
12.	87413	17-4-1962	F. L. Smidth & Co., A/s, 77 Vigerslev Alle Copenhagen—Valby, Denmark.	Separating pulverised material and air separator.
13.	87920	14-5-1962	Craven Textile Patents Ltd., Bank Chambers Colne Lane, Colne, Lancaster, England.	Brakes for warp let off motions.
14.	88062	2-1-1963	Sumitomo Metal Industries Ltd., 15-5 Kitahama Higashi-ko, Osaka, Japan.	Air spring.
15.	88211	30-5-1963	Trutzschler & Co., Duvnstr 82/92, Rhydt, Odenkirchen, West Germany.	Feeder for a cording machine.
16.	88407	14-6-1962	F. L. Smidth & Co. A/s, 77 Vigerslev Alle, Copenhagen—Valby, Denmark.	Heatexchanger.
17.	88676	11-7-1962	Laporte Titanium Ltd., Hanover House, 14, Hanover Square, London W. 1., England.	Tubular or like articles.
18.	90683	6-11-1963	Caterpillar Tractor Co., 100 N. E. Adams St., Peoria, Illinois 61628 U.S.A.	Hydraulic circuit for control of earth moving scraper bowls.
19.	91098	2-12-1963	Battelle Development Corpn., 505 King Avenue, Columbus, Ohio 43201, U.S.A.	A material comprising concrete and steel wire.
20.	92364	21-2-1963	Chubb & Son's Lock & Safe Co. Ltd., 14-22, Tottenham St. Tottenham Court, Rd., London W-1, England.	Cylinder locks.
21.	92860	19-3-1964	Chiyoda Kako Kensetsu Kabushiki Kaisha, No. 12, 3-Chome, Tamachi Akasaka, Minato-ku, Tokyo, Japan.	Water clarifying equipment.
22.	92914	23-3-1964	Caterpillar Tractor Co., 100 N.E. Adams St., Peoria, Illinois 61629, U.S.A.	Differential for wheel vehicles.
23.	93104	2-4-1964	Chiyoda Kako Kensetsu Kabushiki Kaisha, No. 12, 3-chome, Tamachi, Akasaka, Minato-ku, Tokyo, Japan.	Sealing means of floating cover for liquid storage tank.
24.	93305	15-4-1964	Chiyoda Kako Kensetsu Kabushiki Kaisha, No. 12, 3-chome, Tamachi, Akasaka, Minato-ku, Tokyo, Japan.	Constructing storage tank.
25.	93912	2-8-1963	Spirax-Sarco Ltd., 132 St. George's Rd., Cheltenham, Gloucestershire, England.	Steam traps.
26.	93916	11-3-1964	Casablancas High Draft Co. Ltd., Bolton St., Salford 3, Manchester, England.	Textile fibre roller drafting apparatus.
27.	94043	11-3-1964	Do.	Do.
28.	94720	16-7-1963	Pandral Ltd., 41/43, Mincing Lane, London E. C. 3, England.	A railway track assembly.
29.	94753	19-7-1963	The Bradford Dyers Association Ltd., 39 Well St., Bradford 1, Yorkshire, England.	Appratus for conveying carpets.
30.	94754	18-7-1964	do.	Stencil printing machine.

1.	2.	3.	4.	5.
31.	94819	24-7-1963	F.L. Smidth & Co. A/s, 77 Vigerslev Alle, Copenhangen-Valby, Denmark.	Grinding plant.
32.	95017	3-8-1964	Polylock Corpn., 110 West 34 St., New York 10001, U.S.A.	Fabrik.
33.	95393	28-8-1964	West Point Manufacturing Co, West State, of Georgia, U.S.A.	Automatically threading shuttle.
34.	96649	23-11-1964	Caterpillar Tractor Co., 100 N. E. Adams St., Peoria, Illinois 61629, U.S.A.	Tractor trailor combination and apparatus controlling the bounce in such combination.
35.	97148	22-12-1964	Martin & Pagenstecher G. m. b. H., Schauzerstrasse 31, Koln-Mulheim, Federal Republic of Germany.	Refractory lined regenerated air heating stove.
36.	98955	12-4-1965	Trutzschler & Co., Duvenstr, 82/92, Rheydt, Oden-Kirchen, West Germany.	Fibre mixing apparatus.
37.	99014	17-4-1964	Dr. Carl Hahn KG., Kaiserswether-strasse 270, 400 Duselorg, West Germany.	Apparatus for shaping one end of a cylindrically shaped tampon.
38.	99239	29-4-1964	F. L. Smidth & Co. A/s, 77 Vigerslev Alle, Copenhagen-Valby, Denmark.	Impact crusher.
39.	99613	19-5-1965	Chiyoda Kako Kensetsu Kabushiki Kaisha, No. 12, 3-chome, Tamchia, Akasaka, Minato-ku, Tokyo, Japan & Kureha Kagaku K. K. K. of 14, No. 10, Tomizaurd-cho, Nihonbashi, Chuo-ku, Tokyo, Japan.	Flameless radiant burner.
40.	99819	14-7-1964	Bristol Composit Matorials Engg. Ltd., Stonebridge House, Colstone Avenue, Briston 1, England.	Long term bore hole type wells.
41.	101212*	21-8-1964	Do.	Bore hole type wells.
42.	102034	13-10-1965	Caterpillar Tractor Co., 100 N. E. Adams St., Peoria, Illinois 61629, U.S.A.	Diagonal bracing and bulldozer blade mounting.
43.	102057	14-10-1965	Do.	High Pressure hydraulic coupling assembly.
44.	102349	2-11-1965	Misayuki Takamori, 5 of No. 281, Hiraoka-cho, Sakai-shi, Osaka-fu, Japan.	Structure for breaking wares.
45.	102882	7-12-1965	Pandrol Ltd., 7 Rolls Bldg., Felter Lane, London E.C. 4, England.	Fastening member for securing railway rails.
46.	103039	15-12-1965	Bridon Ltd., Wormsworth Hall, Doncaster, Yorkshire, England.	Manufacture of wire strands.
47.	104622	29-3-1966	Monsato Co., 800 North Lindbergh, Boulevard, Missouri, U.S.A.	Shaped articles.
48.	105195	10-5-1966	Caterpillar Tractor Co., 100 N. E. Adams St., Peoria, Illinois 61629, U.S.A.	A System for controlling vibrations between articulately connected vehicle components.
49.	105406	23-5-1966	Edward Brain McDermott, 23 Flower Lane, Manhasset, New York, U.S.A.	A homostatic clip.
50.	106363	27-7-1965	Trico-Folberth Ltd., Great West Rd., Brentford, Middlesex, England.	Wiper arms.
51.	107219	28-9-1965	F. L. Smidth & Co., A/s, 77 Vigerslev Alle, Copenhagen-Valby, Denmark.	Rotory kilns.
52.	107832	4-11-1966	Caterpillar Tractor Co., 100 N. E. Adams St., Peoria, Illinois 61629, U.S.A.	Hose and method of manufacture.
53.	107960	2-12-1965	Pandral Ltd., 7 Rolls Bldg., Felter Lane, London E.C. 4., England.	Concrete railway sleepers, ratining members for incorporation in them and fastening arrangements employing them.
54.	108389	12-12-1966	Caterpillar Tractor Co., 100 N E. Adams St., Peoria, Illinois 61629, U.S.A.	Stablilising means for earth moving scrapers.
55.	108585	26-12-1966	Do.	Resilient shock absorbing device.
56.	108651	30-12-1966	Pandral Ltd., 7 Rolls Bldg., Felter Lane, London E.C. 4, England.	Concrete railway sleepers and rail fastening arrangements employing them.
57.	108785	10-1-1966	F. L. Smidth & Co., A/s, 77 Vigerslev Alle, Copenhagen-Valby, Denmark.	Apparatus for drying granular material.
58.	108786	10-1-1966	Do.	Cement clinker.
59.	108961	20-4-1972	P. Leiner & Sons (Engg.) Ltd., Treforest, Glamorgan.	Apparatus for washing capsules.
60.	109064	27-1-1967	Caterpillar Tractor Co., 100 N.E. Adams St., Peoria, Illinois 61629, U.S.A.	Ejector mechanism for loader buckets.

1.	2.	3.	4.	5.
61.	109093	30-1-1967	Kyowa Denki Kagaku K. K., No. 711 Sanda Hig shi-cho, Hachiaji-shi, Tokyo, Japan.	Box for carrying bottles.
62.	109540	1-3-1967	Caterpillar Tractor Co., 100 N.E. Adams St., Peoria, Illinois 61629, U.S.A.	A tractor scraper combination with resilient means to provide temporary support therefor.
63.	109919	27-3-1967	Trico-Folberth Ltd., Great west Rd., Brentford, Middlessex, England.	Windscreen wipers.
64.	109971	30-3-1966	Norris Filters Ltd., Burrel Rd. Haywards, Heath, Sussex, England.	Filter units.
65.	110714	18-5-1967	Caterpillar Tractor Co., 100 N. E. Adams St., Peoria, Illinois 61629, U.S.A.	Hydraulic follow-up for vehicle steering system.
66.	110817	25-5-1967	Do.	A tractor scraper comibnation.
67.	111022	8-6-1967	Do.	Hydraulic actuating means for a pair of steering clutches in the drive.
68.	111194	20-4-1972	Nippon Shokubai Kagaku Kogyo Co. Ltd., No. 1, 5-chome, Karaibashi, Higashi-ku, Osaka, Japan.	Extrusion moulding.
69.	111202	22-6-1967	Caterpillar Tractor Co., 100 N. E. Adams St., Peoria, Illinois 61629, U.S.A.	Reinforcement for pneumatic tires.
70.	111205	22-6-1967	F. L. Smidth & Co. A/s, 77 Vigerslev Alle, Copenhagen-Valby, Denmark.	Ground material.
71.	111749	31-7-1967	Caterpillar Tractor Co., 100 N. E. Adams St., Peoria, Illinois 61629, U.S.A.	Track link.
72.	111835	15-11-1966	Pandral Ltd., 7 Rolls Bldg., Felter Lane, London E.C. 4, England.	Retaining members for incorporation in concrete railway sleepers.
73.	112115	26-8-1967	Trutzschler & Co., Duvenstr, 82/92, Rhydt, Odenkirchen, West Germany.	Mechanism for the conveying of fibres or fibrous materials by means of air pressure.
74.	112282	8-9-1967	Caterpillar Tractor Co., 100 N.E. Adams St., Peoria, Illinois 61629, U.S.A.	Hydraulic control system for multi speed transmission.
75.	112283	8-9-1967	Do.	Hydraulic governor.
76.	112503	25-9-1967	Elastic Rail Spike Co. Ltd., 7 Rolls Bldg., Felter Lane, London E.C. 4, England.	A spring key for fastening a railway, rail and a rail and fastening combination employing the key.
77.	112893	24-10-1967	Caterpillar Tractor Co., 100 N.E. Adams St., Peoria, Illinois 61629, U.S.A.	Push-pull coupling for tractor scraper units.
78.	113076	8-11-1966	F. L. Smidth & Co., A/s, 77 Vigerslev Alle, Copenhagen-Valby, Denmark.	Drum sieves.
79.	113245	20-11-1967	Trutzschler & Co., 407 Rheydt, Odenkirchen, West Germany.	A machine for opening cotton bales.
80.	113286	22-11-1967	Monsanto Co., 800 North Lindbergh Boulevard, St. Louis, Missouri, U.S.A.	Process for forming objects from a low viscocity melts.
81.	113437	10-7-1967	Snamprogetti S.p.A., 16 Corso Venezia, Milan, Italy.	Melt spun composite filaments and a spinning head therefor.
82.	113493	8-12-1966	F. L. Smidth & Co. A/s, 77 Vigerslev Alle, Copenhagen-Valby, Denmark.	Ultrafine cement.
83.	113799	26-12-1967	F. L. Smidth & Co. A/s, 77 Vigerslev Alle, Copenhagen-Valby, Denmark.	Method and mills for grinding mineral material.
84.	114327	2-2-1968	Caterpillar Tractor Co., 100 N.E. Adams St., Peoria, Illinois 61629, U.S.A.	A powered articulated crawler vehicle.
85.	114442	8-2-1968	Sumitomo Metal Industries Ltd., No. 15, 5-chome, Kitahama, Hizashi-ku, Osaka-shi, Japan.	Semi continuously casting steel ingot.
86.	114822	4-3-1968	Ahmedabad Textile Industries Research Association, P. O. Polytechhnic, Ahmedabad-15, Gujarat, India.	Booster apparatus for cylinder dryers.
87.	114920	11-3-1968	F. L. Smidth & Co. A/s, 77 Vigerslev Alle, Copenhagen-Valby, Denmark.	Planetory coolers for use with rotory kilns.
88.	115335	8-4-1968	Caterpillar Tractor Co., 100 N.E. Adams St., Peoria, Illinois 61629, U.S.A.	Lift cylinder mounting for scraper.
89.	115737	17-5-1967	F. L. Smidth & Co. A/s, 77 Vigerslev Alle, Copenhagen-Valby, Denmark.	A rotory kiln.
90.	115762	11-5-1967	Rolls Royce (Composite Materials) Ltd., Filton House, Bristol, England.	Method of joining two units and a honeycomb structure obtained thereby.

1.	2.	3.	4.	5.
91.	116118	28-5-1968	Caterpillar Tractor Co., 100 N.E. Adams St., Peoria, Illinois 61629, U.S.A.	Two piece master track link.
92.	116468	22-6-1968	Mark Hurd Aerial Surveys Inc., 345 Pennsylvania Avenue South, Minneapalis, Minnesota, U.S.A.	Doors for access opening.
93.	117277	16-8-1968	F. L. Smidth & Co. A/s, 77 Vigerslev Alle, Copenhagen-Valby, Denmark,.	Conveying and distributing device.
94.	117542	3-9-1968	Caterpillar Tractor Co., 100 N. E. Adams St., Peoria, Illinois 61629, U.S.A.	Articulated chain assembly.
95.	117778	20-9-1968	Abraham Kogan, 35 a Trumpelder Avenue, Neveshaanam, Haifa, Israel.	Process and apparatus for producing a liquid in which heat and/or mass is transferred thereto from another liquid.
96.	117779	22-9-1967	F. L. Smidth & Co. A/s, 77 Vigerslev Alle, Copenhagen-Valby, Denmark.	Rotory kilns with cooler tubes.
97.	117836	25-9-1968	Trutzschler & Co., Rheydt, Odenkirchen, West Germany.	Apparatus for the pneumatic feeding of fibres tufts to spinning mill machinery.
98.	118808	3-11-1968	Caterpillar Tractor Co., 100 N.E. Adams St., Peoria, Illinois 61629, U.S.A.	Replaceable ripper tip assembly.
99.	119420	15-1-1969	F. L. Smidth & Co. A/s, 77 Vigerslev Alle, Copenhagen-Valby, Denmark.	Grinding mineral material.
100.	119494	22-1-1968	Do.	Rotory kilns with planetary coolers.
101.	121021	24-4-1968	Do.	Heat exchangers.
102.	121197	8-5-1968	Trico-Folberth Ltd., Great West Rd., Brentford, Middles sex, England.	Windscreen wiper blade assemblies.
103.	121975	11-12-1967	F. L. Smidth & Co. A/s, 77 Vigerslev Alle, Copenhagen-Valby, Denmark.	Coolers for use with rotary kilns.
104.	122579	1-8-1969	Schlumberger Overseas, S. A., 26 Berners St., London WI, England.	System for determining the position of a tool in borehole.
105.	122933	27-8-1969	Crompton & Knowles Coron., 93 Grand St., Worcester, Massachusetts, U.S.A.	Lap forming apparatus.
106.	123325	27-9-1969	Fritz Bremshey of Weihwlmstr 28, 565 Solingen-Ohlige, Dr. Wolfgang Fulling of Huckhauserstr. 7, 565 Salingen-Obligs & Helmut Bremshey of Steinendorferstr 26, 565 Solingen-Aujderhohe all of West Germany, trading as Bremshey & Co., of Ahrstrasse 5-7, 565 Solingen Obligs, West Germany.	Umbrellas.
107.	124264	30-10-1967	F. L. Smidth & Co. A/s, 77 Vergerslev Alle, Copenhagen-Valby, Denmark.	Distributing device.
108.	124713	3-11-1970	Snamprogetti S.p.A., 16 Corso Venezia, Milano, Itali.	Frame syncronisation system.
109.	124749	17-1-1969	Laporte Industries Ltd., Hanover House, 14, Hanover Square, London WIR OBE, England.	Fluidised bed reactor.
110.	124948	20-1-1970	Trutzschler & Co., Duvenstr 82-92, 407 Rheydt, Odenkirchen, West Germany.	Apparatus for opening of textile fibre bales.
111.	125622	7-3-1970	W.M.R. Stewart & Sons (Hacklemakers) Ltd., Marine Parade, Dundee, Scotland.	Carding, drawing and other machines and a method of fixing pins in a matrix.
112.	125742	16-3-1970	Amazonen Werke H. Dreyer, 4501 Gaste P. Hasbergen P. O. Box 109, West Germany.	A spreader for granular, pulverulant or liquid material.
113.	125766	16-3-1970	Adams Inc., P. O. Box 8336, Station A, Greenvile, South Carolina, U.S.A.	Stop motion devices.
114.	125843	21-3-1970	National Research Development Corpn., Kingsgate House, 66-74 Victoria St., London S.W. 1, England.	Glove for the manual application of liquid in agriculture and device incorporating said glove.
115.	125956	28-3-1970	Imperial Chemical Industries Ltd., Imperial Chemical House, Millbank, London S. W. 1, England.	Primer assembly for initiating a blasting agent.
116.	126022	1-4-1970	Abraham Kogan, 35 Trumpeldor Avenue, Neveshaanam, Haifa, Israel.	Apparatus for producing liquid in which heat and/or mass is transferred thereto from another liquid.

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117.	126030	2-4-1970	Vsesojuzny Nauchno issledovatesky Psocektno-Kenstraktorsky institut, 1 Garodskaya ulitsa, 10, Moscow.	Continuous casting, of metal with simulteneous rolling of cast ingot.
118.	126048	3-4-1970	Telestrator Industries Inc., 875 North Michigan Avenue, Chicago, Illinois, U.S.A.	An audio visual teaching system.
119.	126151	28-4-1969	Trico-Folverth Ltd., Great West Rd., Brentford, Middlesex, England.	Windscreen wiper assemblies.
120.	126220	16-4-1970	Roche Ramchand Pardasani, Bhatia Bldg., 87 Ranade Rd., Dadar, Bombay-28.	Locks.
121.	126267	20-4-1970	Societe Pour La Rocherche Et Le Development Technolagique S. A., Rue Cesar Soulie 5, 1260 Nyon, Switzerland.	Moulding apparatus and method for the production of continuous molded plastic strip having therein upstanding hook like member.
122.	126294	21-4-1970	Bau-und Forschungs-gesellschaft Thermoform A. G., Murten/Fribourg, Ryf 50, Switzerland.	Apparatus for producing wood wool.
123.	126298	20-4-1972	Calmic Engg. Co. Ltd., Crewe Hall, Crewe, Cheshire, England.	Apparatus for granulating solids or coating solid particles.
124.	126353	24-4-1970	Leningradusky etc., Sverdlevaskaya, Leningrad, U.S. S. R.	Profile flat tooth milling cutter.
125.	126430	29-4-1970	Sun Oil Co., P. O. Box 2880, Dallas, Texas, U.S.A.	Apparatus for recording pressure conditions in bore holes.
126.	126440	30-4-1970	Roche Ramchand Pardasani, Bhatia Bldg., 87 Ranade Rd., Dadar, Bombay-28.	Locks.
127.	126529	9-5-1969	Aktieselskabet Dansk Svovlsyre-OG Superphosphat Fabrik, 15, Amaliegado, Copenhagen, Denmark.	Plant for affecting mass transfer processes.
128.	126608	11-5-1970	Minnesata Mining & Manufacturing Co., 3M Center, Saint Paul Minnesata 55101, U.S.A.	Wire splicing apparatus.
129.	126673	14-5-1970	R. R. Pardasani Bhatia Bldg., 87, Ranade Rd., Dadar, Bombay-28.	Locks.
130.	126743	20-5-1970	USS Engineers & Consultants Inc., 525 Williams Penn Place, Pittsburgh, Pennsylvania, U.S.A.	Sliding gate closure for bottom pour vessel removable as a unit.
131.	126761	22-5-1970	Nedschroef Octrooi Maatschappij N. V., Kanaaldijk 71, Halmond, The Netherlands.	Furnace for heating bars, tubes or similar oblong articles.
132.	126793	25-5-1970	Envirotech Corpn., 537 West 6th South Salt Lake City, Utah, U.S.A.	Vacuum filtering.
133.	126829	27-5-1970	Vsesojuzny Nauchno Etc., Nizegarodskaya, Ulitsa, 29, Moscor, U.S.S.R.	Heat treatment of flat metal bodies.
13.4	126861	29-5-1970	Basic Packagine Systems Inc., Avan Lake, Ohio, County of Lorain, Ohio.	A chain of connected bag elements.
135.	126881	1-6-1970	(1) Jakob Zawels of 86, Julius Jeppe St., Waterkloaf, Pretoria, South Africa & (2) Eric Donald Renaud of 114 Milner St., Waterkloaf, Pretoria, South Africa.	Apparatus for monitoring students action.
136.	126901	2-6-1970	Kurt Vogt, Beinwall & See, Switzerland.	Machine for winding a tie means about relatively rigid object.
137.	126976	8-6-1970	USS Engineers & Consultants Inc., 525 William Penn Place, Pittsburgh Pennsylvania, U.S.A.	Slidable gate clossure on bottom pour vessels.
138.	127049	12-6-1970	Glaverbel-Mechaniver, 166 Chausee de la Hulpe, Watermeat, Baitsfort, Belgium.	Article handling apparatus.
139.	127074	15-6-1970	Girling Ltd., Kings Rd., Tyseley, Birmingham 11, Warwickshire, England.	Automatic slack adjuster for vehicle brake.
140.	127132	17-6-1970	L'Isostat S. A., 67 Rue Marie-Anne Colombier, 93 Bagnolet (Siene) France.	A device for automatically locating and locking alternately in each of two specific positions.
141.	127144	17-6-1970	Enterprise Inc., 7800 Sovereign Row, Dallas, Texas, U.S.A.	An apparatus for producing a fabric.
142.	127259	25-6-1970	Girling Ltd., Kings Rd., Tyseley, Birmingham 11, England.	Automatic adjuster for shoe drum brake.

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143.	127299	27-6-1970	Centre Stephanais De Rocherches Meckaniques Hydromecanique Et Frattement, 79 rue Neyran 42-Saint Etienne, France.	Apparatus for breaking up solid porous and especially regetable bodies.
144.	127327	30-6-1970	Sulzer Brothers Ltd., Winterthur, Switzerland.	Cooling a gas stream.
145.	127378	3-7-1970	C. A. V. Ltd., Well St., Birmingham 19, England.	Fuel injection nozzles.
146.	127481	9-7-1971	Koninklijke Emballage Industrie Van Leer N. V., Amsterdam sewage 206, Amstelveen, Netherlands.	Container and method of manufacturing the same.
147.	127497	10-7-1970	Aerpat A. G., Allpenstrasse 14, 6301 Zug, Switzerland.	Blind tubular rivet and method of making riveted assembly using the same.
148.	127524	13-7-1970	F. L. Smidth & Co. A/s, Vigerslev Alle, Copenhagen-Valby, Denmark.	A method of dry grinding cement clinkers.
149.	127551	15-7-1970	Prerovske Strojirny Norodny Podnik, Prerav, Czechoslovakia.	A method of cooling granulous materials.
150.	127582	17-7-1970	Jean Rochet S. A., 3 Bus Rue Du Congress, 92, Asnieres, France.	Incandescent lamp.
151.	127614	20-7-1970	Hookers Chemical Corpn., Niagara, New York, U.S.A.	Metal plating of electrically non-canductive substances.
152.	127672	23-7-1970	The Gillett Co., Prudential Tower Bldg., Boston, Massachusetts, U.S.A.	Metal article such as razor blades.
153.	127787	29-7-1970	Girling Ltd., Kings Rd., Tyseley, Birmingham 11, Warwickshire, England.	Braking systems for vehicles.
154.	127841	3-8-1970	Institut Gornai Mekhaniki I Tekhnichekai Kibanetiki Imedni MM, Fedorava, Donetsk, Teatralny Prospeckt 7, U.S.S.R.	Weighing apparatus associable with belt conveyor.
155.	127864	4-8-1970	RCA Corpn., 30 Rockfellar Plaza, New York, N. Y. 10020, U.S.A.	Information recording media.
156.	127863	4-8-1970	Westinghouse Air Brake Co., Pittsburgh, Pennsylvania, U.S.A.	Braking and propulsion system for a railway vehicle.
157.	127872	4-8-1970	Prerovske Strojirny Narodni Podnik, Prerav, Czechoslovakia.	Heat Ttreatment of lamp and finely granulated material.

Supplementary List No. II

COMMERCIAL WORKING OF PATENTED INVENTIONS

The following patents in the field of Chemical Industry are not being commercially worked in India as admitted by the Patentees in the statements filed by them under Section 146(2) of the Patents Act, 1970, in resect of Calender year 1976 generally on account of want of requests for licences to work the patented inventions. Persons who are interested to commercially work the said patents may contact the patentee for the grant of a licence for the purposes.

Sl. No.	Patent No.	Date of Patent	Name & Address of Patentee	Brief title of the invention
1.	132005	6-7-1971	Imperial Chemical Industries Ltd., Imperial Chemical House, Millbank, London S.W. 1.	Benzene and hydrogen.
2.	132215	23-7-1971	Sherritt Gordon Mines Ltd., 25 King Str. West, Tiribti, Ontario, Canada.	Electrostatic precipitation and gas sampling system.
3.	132263	27-7-1971	Osterreichisch Americanische Magnesit AG., 9545 Radenthein, Karnten, Austria.	Sintered refractory.
4.	132305	30-7-1971	The Firestone Tire & Rubber Co., 1200 Firestone Parkway, Akron, Ohio, U.S.A.	Colorless high vinyl diene polymers.
5.	132323	2-8-1971	Bayer AG., Leverkusen, Federal Republic of Germany.	Cyclo copolymers.
6.	132372	20-4-1972	Do.	2-arylimino thiazolones.
7.	132423	1-7-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Anodising of aluminium and its alloy.
8.	132449	20-4-1972	Fisons Ltd., Harvest House Felixstowe, Suffolk, England.	Monochloromone-2-carboxylic acids.
9.	132493	13-8-1971	The Goodyear Tire & Rubber Co., Akron, Ohio, U.S.A.	Polyurcaurethane shock absorbing units.

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10.	132582	20-4-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Fungal acid protease.
11.	132620	23-8-1971	Michel Feltz, rue Hotteux, 14e, Ayeneux, Belgium.	Ferrous alloys.
12.	132621	23-8-1971	Agfa-Geavert N. V., 27 Septestraat, Mortsel, Belgium.	Processing photographic material.
13.	132642	24-8-1971	The Firestone Tire & Rubber Co., Akron, Ohio, U.S.A.	Method of removing volatiles from an elastomer.
14.	132782	4-9-1971	Shell Internationale Research Maatschappij Boulevard, 30 Carel Van Bylandtlaan, Hague, Netherlands.	Improved catalyst for producing oxirane compounds by epoxidising olefins with hydroperoxides.
15.	132783	4-9-1971	Bayer AG., Leverkuse, Federal Republic of Germany.	Preparation of cyclohexanone by selective vapour phase hydrogenation of phenol.
16.	132827	8-9-1971	Solvay & Cie, Rue de Prince Albert 33, 13-1050 Brussels, Belgium.	Polymerisation of olefins.
17.	132828	8-9-1971	Do.	Do.
18.	132829	8-9-1971	Do.	Do.
19.	132830	8-9-1971	Do.	Do.
20.	132833	8-9-197	Ciba Geigy AG., 141 Klybeckstrasse, Basle, Switzerland.	New disazo pigments.
21.	132854	9-9-1971	Toyo Engg. Corpn., 2-5, 3-chome, Kasumigaseko, Chiyoda-ku, Tokyo.	Gaseous mixtures rich in hydrogen.
22.	132894	19-8-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Lithographic aluminium plates.
23.	132900	20-4-1972	Bayer AG., 22C Leverkusen, Federal Republic of Germany.	Quinazolone diurethanes.
24.	132916	15-9-1971	John Lysaght (Australia) Ltd., 50 Young Str., Sydney, New South Wales.	Lead zinc wet flux galvanising process.
25.	132929	16-9-1971	Sherritt Gordon Mines Ltd., 25 King St., West, Toronto, Ontario, Canada.	Preparing nickeliferous laterite ore mixtures for reduction.
26.	132944	17-9-1971	Marathon Oil Co., 539 South Main Str., Findlay, Ohio 45840, U.S.A.	Obtaining predetermind salt concentration within an aqueous solution using micellar dispersions.
27.	132959	20-4-1972	Parke Davis & Co., Detroit, Michigan, U.S.A.	New pyrazoles [3, 4-e] [4, 4] [diazepin] [1H]-one compounds.
28.	132960	20-4-1972	Do.	Do.
29.	132961	20-4-1972	Do.	Do.
30.	132969	20-9-1974	Sheiritt Gordon Mines Ltd., 25 King Str., West, Toronto, Ontario, Canada.	Improved thickener.
31.	133022	23-9-1971	Shell Internationale Research Maatschappij Boulevard, 30 Carel Van Bylandtlaan, Hague, Netherlands.	Decomposition of unconverted organic peroxy compounds present in the reaction product or effluent obtained by the expoxidation of olefinic compound.
32.	133051	25-9-1971	L'Air Liquide, Societe Anonyme Pour L'etudeet L'exploitation des Procedes Geoges Claude, 75 quai D'orsay-75-Paris.	Removing sulphur dioxide, nitrogen oxide and sulphuric acid vapour impurities from industrial fumes.
33.	133054	25-9-1971	Haldon Frederik Axel Topsoe, Frydenkundsvej, Vedback, Denmark.	A furnace from catalytic endothermic reactions.
34.	133116	5-10-1971	General Refractories Co., 1520 Locust St., Philadelphia, Pennsylvania, U.S.A.	Improved refractory line structure for holding molten pig iron.
35.	133241	15-10-1971	Shell Internationale Research Maatschappij Boulevard, 30 Carel Van Bylandtlaan, Hague, Netherlands.	Methanol.
36.	133297	21-10-1971	Do.	Producing metallic silver deposits on the surfaces of porous refractory catalyst supports.
37.	133341	25-10-1971	Council of Scientific & Industrial Research, Rafi Marg, New Delhi'	Zinc silicate green phosphor.
38.	133367	27-10-1971	Do.	Luminiscent materials.
39.	133404	27-1-1973	Do.	Spangle finish on tinned steels.

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40.	133432	1-11-1971	The Firestone Tire & Rubber Co., 1200 Firestone Parkway, Akron, Ohio, U.S.A.	Apparatus for processing a fluid mixture of elastomers and volatile material to remove at least a portion of the volatile material from the mixture.
41.	133542	9-11-1971	The Unilever Ltd., Blackfriars, London E.C. 4.	Food products.
42.	133595	12-11-1971	Monsanto Ltd., 10-18 Victoria Str., London S.W. 1.	Filtering elements for cigarette filters.
43.	133734	25-11-1971	Ciba-Geigy (UK) Ltd., 30 Buckingham Gate, London S.W. 1.	Treatment of zater systems for preventing scale formations.
44.	133782	29-11-1971	Shell Internationale Research Maatschap-ij Buleuard, 30 Carel van by laudtlaan Hague, Netherlands.	Manufacture of Synthetic fibres.
45.	133783	29-11-1971	Sherritt Gordon Mines Ltd., 25 KingSts., West, Toronto, Ontario, Canada.	Producing from a slurry of a mixture of solid particles and solution a stream of solids and solution having a controlled density.
46.	133790	20-4-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Para tolylsulfonyluric acid.
47.	133852	6-12-1971	Shell Internationale Research Maatschappij Boulevard, 30 Carel Van Mylandtlaan, Hague, Netherlands.	Olefin polymer.
48.	133884	8-12-1971	Do.	Mixing apparatus for gases.
49.	133894	20-4-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Manufacture of cystine from the lair.
50.	133921	13-12-1971	Do.	Production of fat liquours for the treatment of leathers.
51.	133967	16-12-1971	Bayer AG., 22C Leverkusen, Federal Republic of Germany.	Azo dyestuffs.
52.	133984	17-12-91971	National Starch & Chemical Corpn., 750 Third Avenue, New York.	Continuous process for the preparation of modified starch dispersions.
53.	134023	21-12-1971	Shell Internationale Research Maatschappij Boulevard, 30 Carel Van Bylandtlaan, Hague, Netherlands.	Recovering aethylene oxide.
54.	134101	28-12-1971	Bayer AG., 22C Leverkusen, Federal Republic of Germany.	Production of cellulose or porous rubber or plastic articles.
55.	134117	29-12-1971	Do.	Production of hydrofluoric acid and a metal sulphate.
56.	134121	26-3-1973	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Plating aluminium.
57.	134132	30-12-1971	Robert Linn Somerville, Route 1-Box 256, Old Amwell Rd., Jew Jersey.	Production of phosphoric acid.
58.	134146	31-12-1971	Cluett Peabody & Co. Inc., 433 River St., Troy, New York.	Apparatus for quickly treating fabrics with liquid ammonia.
59.	134156	22-8-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Production of bromine from bittern.
60.	134162	20-4-1972	Pfizer Corpn., Calle 15½ Avenida Santa Isabel, Colon, Panama.	Preparation of gem diary lethylene deri-derivatives.
61.	134215	20-4-1972	Pfizer Inc., 235 East 42nd St., New York.	Salt of alpha carboxylbenzyl penicillin.
62.	134253	12-1-1971	Do.	Fermentation process for the production of D-mannitol.
63.	134254	12-1-1972	Brainschweigsche Mashinenbauanstalt 3300, Brausnschweign, Am Alten Bahnohof 5, Federal Republic of Germany.	Device for continuous raw juice extraction of by diffusion in sugar industry.
64.	134266	20-4-1972	Societe D'etudes de Produits Chimiques, 16 rue Kleber 92 Issy-les-Moulineaux, France.	Preparation of beta-pyridyl carbinol nicotinoyl glycinate.
65.	134293	17-1-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Extraction of nickel and cobalt from lateritcores.
66.	134295	17-1-1972	Howson—Algraphy Ltd., Murray Rd., Orpington, Kent, England.	Cleansing of surface.
67.	134355	22-1-1972	Shell Internationale Research Maatschappij Boulevard, 30 Carel Van Bylandtlaan, Hague, Netherlands.	Method of activating supported silver catalyst.
68.	134378	24-1-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Tungsten sulphide nickel sulphide on aluminium catalyst for production of superior grade kerosene from 4T tar petroleum fractions.
69.	134415	12-9-1972	Do.	Production of high purity water by solar stills.

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70.	134470	2-2-1972	Pfizer Inc., 235 East 42nd St., New York.	Trisubstituted pyridine derivatives.
71.	134475	2-2-1972	Norton Co., 1 New Bond St., Worcestor Massachusetts, U.S.A.	Abrasives.
72.	134500	4-2-1972	Bayer AG., 22C Leverkusen, Federal Republic of Germany.	4-amino-1, 2, 4-triazine-5-ones.
73.	134551	9-2-1972	The Firestone Tire & Rubber Co., 1200 Firestone Parkway, Akron, Ohio, U.S.A.	Polymerisation of conjugated dienes.
74.	134557	10-2-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Method of making water permable drains.
75.	134564	10-2-1972	Bayer AG., 22C Leverkusen, Federal Republic of Germany.	Vulcanisation of natural or synthetic rubber.
76.	134668	18-2-1972	Standard Brands Inc., 625 Madison Avenue New York.	Isomerization of glucose to fructose.
77.	134672	18-2-1972	Wellmann-Power Gas Inc., New Mulberry Highway, Lakeland, Florida, U.S.A.	Removing sulphur dioxide from a gas stream.
78.	134679	19-2-1972	Sherritt Gordon Mines Ltd., 25 King St., West, Toronto, Ontario, Canada.	Treatment of nickel and cobalt bearing material.
79.	134688	14-5-1973	Ahmedabad Textile Industry's Research Association, P. O. Polytechnic, Ahmedabad-15.	Amorphization of cellulosic material.
80.	134702	22-5-1972	Dr. Beck & Co. (India) Ltd., Gateway Bldg., Apollo Bunder, Bombay.	Enamel based novel esterimide resins.
81.	134735	20-4-1972	Haarmann & Reimer G. m.b. H., Holziminden, Gederal Republic of Germany.	Recovering optically pure *d* and *e* isomers of menthol, neomenthol and isomenthol.
82.	134739	24-2-1972	Standard Brands Inc., 625 Madison Avenue New York.	Preparing fructose containing syrup.
83.	134791	20-4-1972	Bayer AG., 22C Leverkusen, Federal Republic of Germany.	Purification of kallikrein trysin inhibitors.
84.	134792	2-3-1972	Do.	Vulcanisation rubber.
85.	134813	3-3-1972	Solvay & Cie, Rue de Prince Albert 33, B-1050 Brussels, Belgium.	Preparation of solid catalytic complexes on Ti Cl_3 for the polymerisation of elpha olefin.
86.	134864	7-3-1972	International Wool Secretariat Technical Centre, Valley Drive, Ilkey LS29 8PB, Yorkshire, England.	Improving the flame resistant properties of polyamide fibres.
87.	134871	8-3-1972	Shell Internationale Research Maatschappij Boulevard, 30 Carel Van Bylandtlaan, Hague, Netherlands.	Butadiene recovery process.
88.	134891	9-3-1972	Rohm & Haas Co., Independence Mall West, Philadelphia, Pennsylvania, U.S.A.	Producing a crushed foam coated substrate.
89.	134910	13-3-1972	Haarmann & Reimer G. m.b. H., Leverkusen Federal Republic of Germany.	Aromatic hydroxy aldehydes.
90.	134923	20-4-1972	Bayer AG., 22C Leverkusen, Federal Republic of German.	New unsymmetrical 1, 4-dihydropyridine dicarboxylic acid esters.
91.	134924	20-4-1972	Do.	1, 4-dihydropyridine esters.
92.	134925	20-4-1972	Do.	Unsymmetrical 1, 4-dihydro pyridines.
93.	134964	9-3-1973	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Garlic powder.
94.	134976	17-3-1972	Nippon Kokan Kabushiki Kaisha, 1-2, 1-chome, Marunouchi, Chyoda ku, Tokyo.	Controlling the amount of silicon contained in an impurity in high carbon terrochromium.
95.	135056	25-3-1972	Halcon International Inc., 2 Park Avenue, New York.	Controlled oxidation of ethylene to ethylene oxide.
96.	135085	28-3-1972	Bayer AG., 22C Leverkusen, Federal Republic of Germany.	Modified anionic paper-sizing agent.
97.	135108	30-3-1972	Do.	Vulcanisation of natural and/or synthetic rubber made from halogen free dienes.
98.	135144	4-4-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Paraffin wax slack Wax.
99.	135147	28-4-1973	Do.	Electropolishing of mild steed.
100.	135150	4-4-1972	Sherritt Gordon Mines Ltd., 25 King St. West, Toronto, Ontario, Canada.	Reduction roasting of nickeliferous laterite ores.
101.	135179	5-4-1972	Do.	Do.
102.	135196	7-4-1972	Solvay & Cie, 33 Rule de Prince Albert, B-1050, Brussels, Belgium.	Preparation of aqueous solution from washing and bleaching.
103.	135212	10-4-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Production of paraffin wax and lubricating oil fraction from slack wax.
104.	135217	10-4-1972	The Firestone Tire & Rubber Co., 1200 Firestone Parkway, Akron, Ohio, U.S.A.	Producing dilithio hydrocarbons.

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105.	135218	10-4-1972	Plastic Fiber Formulations Inc., Peurto Rico., Mercedita, Peurto Rico 00715.	Roofing composition.
106.	135219	10-4-1972	Do.	Treating bagasse to separate fibrous components therefrom.
107.	135231	11-4-1972	Unilever Ltd., Unilever House, Blackfriars, London EC 4.	Instant tea powder.
108.	135275	11-4-1973	Shekharendra Nath Das Gupta, Coke Oven Colony, Durgapur, Burdwan, West Bengal.	Preparation of coking coal.
109.	135290	20-4-1972	Bayer AG., 22C Leverkusen, Federal Republic of Germany.	Production of new derivatives of 2-formyl-3-carbonamide-quinoxa-line-di-N-oxides.
110.	135328	19-4-1972	Unilever Ltd., Unilever House Blackfriars, London EC 4.	Instant tea powder.
111.	135330	19-4-1972	Bayer AG., 22C, Leverkusen, Federal Republic of Germany.	Polyazo dyestuffs.
112.	135331	20-4-1972	Warner Lambert Co., 201 Tabor Rd., Morris Plaines, New Jersey, U.S.A.	5-hydroxy-1-tetralone.
113.	135347	19-4-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Production of compressed and active dry baker's yeast by molasses fermentation.
114.	135360	26-3-1970	Shell Internationale Research Maatschappij Boulevard, 30 Caren. Van Bylandtlaan, Hague, Netherlands.	Preparation of one or more oxirane compounds.
115.	135366	19-6-1972	Alfa-Laval Aktiebolag, Postfach, S-14700, Tumba, Sweden.	Bringing about reaction between liquid and a gas.
116.	135368	30-7-1970	Bayer AG., 22C Leverkusen, Federal Republic of Germany.	3-(4-Chloro-pyrazolyl-1) coumarines.
117.	135403	19-12-1970	Do.	Protecting natural and synthetic diene polymers against degradation
118.	135443	28-5-1971	Halcon International Inc., 2 Park Avenue, New York.	Polyethylene terephthalate.
119.	135503	12-7-1972	USS Engg. & Consultants Inc., 600 Grant St., Pittsburgh, Pennsylvania, U.S.A.	Expansive cement.
120.	135531	10-5-1972	Bayer AG., 22C Leverkusen, Federal Republic of Germany.	Manufacture of organic phosphoric acid esters.
121.	135539	25-4-1972	Shimizu Manzo Shoten, No. 26-161-chome-Nagae, Onomichi-shi, Hiroshimaken, Japan.	Preparation of water soluble konjea man nar.
122.	135724	20-4-1972	Pfizer Corpn., Calle 15½, Avenida Santa Isabel, Colon, Panama.	Cyclic thioimidates.
123.	135770	14-6-1972	Howson Algraphy Ltd., Vickerstlouse, Millbank Tower, Millbank, London S. W.1.	Light sensitive materials.
124.	135857	2-6-1972	Aktiebolaget Svenska Fiaktfabriken, Sit Sickle Alle 1, Nacka, Stockholm, Sweden.	Making paper suitable for calendering and printing.
125.	135887	19-7-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Synthesis of N-substituted-3-amino acrylophenons.
126.	136109	19-7-1972	Do.	N-substituted 3-aminomethyl-dhromanes.
127.	136657	26-3-1973	Do.	Furfurol from agroindustrial wastes.
128.	136722	20-6-1972	Do.	Production of acrylic solution polymers as protective top coat finish for finished leathers wood and metallic surfaces.
129.	136723	20-6-1972	Do.	Acrylic copolymer emulsion as a top coat finish for finished leathers.
130.	136806	22-8-1972	Do.	Production of oxalic acid from sugarcne molasses.
131.	136812	31-5-1973	Do.	Production of para toluic from toluene.
132.	136861	19-7-1973	Do.	Terephthalic acid from paraxylene.
133.	136944	17-9-1973	Do.	3-(5-hydroxybenzo cycloalkenoxy)-2 hydroxypropylamines.
134.	136990	11-12-1972	Do.	Stable fungal amyloglucosidiose concentrate.

1.	2.	3.	4.	5.
135.	137096	27-5-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Copper phthalocyanine.
136.	137253	3-7-1973	Do.	Slow acting urea formaldehyde fertiliser.
137.	137497	10-7-1973	Do.	Slow release control nitrogenous fertiliser.
138.	137508	17-7-1972	Do.	Production of correction paper.
139.	137603	30-8-1973	Do.	Making paddy husk building bricks.
140.	137618	10-10-1973	Do.	Resin binder for use in electro-photographic zinc oxide coatings.
141.	137655	21-7-1973	Do.	Determination of acoustic amisotropy.
142.	137918	26-3-1974	Do.	Choline chloride from trimethylamine aqueous and ethylene chlorohydrin.
143.	137999	27-12-1972	Do.	d-galactose from cashewnut sheels
144.	138005	6-6-1974	Do.	Microbial protein concentrate from solid hydrocarbons.
145.	138193	21-11-1972	Do.	Manufacture of food and pharmaceutical. grade dry yeast.
146.	138201	27-12-1972	Do.	Oil well cement additive from molasses.
147.	138222	28-8-1972	Do.	Production of Ichthammol.
148.	138236	20-4-1972	Eli Lilly & Co. 740 South Alabama St., Indianopolis, U.S.A.	Intermediate compounds in preparing cephalosporic compounds having antiblotic activity.
149.	138237	4-9-1972	Aluminium Co. of America, Alwa Bldg., Pittsburgh, Pennsylvania, U.S.A.	Aluminium chloride.
150.	138239	10-1-1973	Shin Nihon KK., 1-25-1, Hamaden, Dojina, Kitaku, Osaka-shi, Japan.	Magnesia refractory grains.
151.	138245	18-3-1974	Ahmedabad Textile Industry's Research Assn, P. O. Polytechnic, Ahmedabad 15.	Improved process for resin finishing of of testile.
152.	138270	13-9-1972	Westinghouse Electric Corpn., Pittsburgh, Pennsylvania, U.S.A.	Resin composition.
153.	138316	2-11-1972	Societe Des Mines et Founderies Zinc de La Vielle Montgne, B-4900 Angleur, Belgium.	Purifying zinc sulphate solutions.
154.	138324	20-10-1973	Dr. Heimo Hardung-Hardung, Quai Lois Bleroit 120, Paris.	Polycondensation of precondensates or & monomers forming high polymer.
155.	138330	11-6-1973	Mitsubishi Gas Chemicae Co. Ltd., 5-2 Marunouchi-2-chome, Chiyoda ku, Japan.	Anyhdrous sodium hydrosulphite using sodium formate formic acid or formic acid esters.
156.	138332	2-11-1972	Rohm & Haas Co., Independence Mall West, Philadelphia, Pensylvania, U.S.A.	Thermoplastic compositions.
157.	138333	12-10-1972	Horizons Research Inc., 23800 Merchantile Rd., Cleveland, Ohio, U.S.A.	Phosphazene polymers.
158.	138334	20-4-1972	John Wyeth & Brother Ltd., Hunter-combe Lane South, Taplow, Maidenhead, Berkshire, England.	Indole derivatives.
159.	138335	20-4-1972	Do.	Do.
160.	138337	20-4-1972	American Home Products Corpn., 685 Third Avenue, New York 17.	2-amidocephalosporin.
161.	138352	27-6-1974	Rhone Poulenc SA., 22 Avenue Montaigne, Paris 8e.	3-(o, o-diethyldithio phosphorylmethyl)--6-cholo-benzoxazolone.
162.	138358	25-1-1974	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Superior quality of agar from Indianred seaweed.
163	138362	20-4-1972	Dr. Karl Thomas G.m.b.H., Federal Republic of Germany.	Preparation of dihalogeno-amino benzyl amines.
164.	138365	8-9-1972	Aluminium Co. of America, Alwa Bldg., Pittsburgh, Pennsylvania, U.S.A.	Recovery of aluminium chloride from a gas containing gaseous aluminium chloride.
165.	138379	23-2-1973	Shell Internationale Research Maatschappij Boulevard, 30 Carel Van Bylandtlaan, Hague, Netherlands.	Soot granules.
166.	138381	10-10-1972	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	Oil well cement.
67.	138422	16-4-1973	Pfizer Inc., 35 East 42nd St., New York.	Prostaglandins of the one series.
168.	138491	12-9-1973	Council of Scientific & Industrial Research, Rafi Marg, New Delhi.	4-substituted aminomethyl-3-dihydro-1-benzoxepin-(2H)5-ones.

PATENTS SEALED

140842 141360 141508 141511 141533 141551 141629 141634 141642 141645 141652 141653 141655 141660 141666 141672 141831 141853 141854 141866 141876 141877 141881 141885 141889 141890 141917 141922 141971 141972 141976 141983 141986 142208 142209 142411

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that Schubert & Salzer Maschinenfabrick Aktiengesellschaft, a German Company, of Friedrich-Ebertstrasse 84, 8070 Ingolstadt, West Germany, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 143682 for "Apparatus for feeding fibres to the inner wall of a spinning rotor of an open-end spinning apparatus". The amendments are by way of correction and explanation so as to define the invension more clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall left within one month from the date of filing the said notice.

(2)

The amendments proposed by Holset Engineering Company, Limited, in respect of patent application No. 142125 as advertised in Part III, Section 2 of the Gazette of India dated the 24th September 1977 have been allowed.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC., (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

99825 M/s. Deering Milliken Research Corporation.

122381, 126281, 134380 } M/s. Union Carbide Corporation.

129375, 129376 M/s. Uddeholms Aktiebolag.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
85128 (20-4-72)	Process for the production of N-(2, 3-Dimethylphenyl) anthranilic acid and salts with bases thereof.
115427 (20-4-72)	A process for the preparation of penicillins.
117200 (20-4-72)	Process for the preparation of Estrane Compound by fermentation.
118801 (20-4-72)	Process for the preparation of derivatives of digoxin.
127495 (20-4-72)	Process for the preparation of L-tetramisole solutions.
127827 (31-7-70)	Process for the preparation of meta-anilide urea.
129227 (20-4-72)	A method of preparing an anti-foaming composition.
132192 (21-7-71)	Method of making cement clinkers.
133281 (20-10-71)	Method and apparatus for manufacturing dry solid molasses.
133357 (26-10-71)	Process for the preparation of novel amidothionophosphonic acid esters.
133460 (20-4-72)	Process for preparing 1-phenoxy-3-aryl piperazine-2-propanol derivatives.
133599 (12-11-71)	Method of and apparatus for continuously preparing perchloromethyl mercaptan.
134235 (20-4-72)	Process for preparing novel cephalosporin complexes.
134321 (19-1-72)	A chemical process involving sulphonation or sulphation, and apparatus for use therein.
134655 (20-4-72)	Process for obtaining calcium salt with high solubility and high content of calcium ions.
134679 (19-2-72)	Process for the treatment of nickel and cobalt bearing material.
135613 (30-8-72)	Process for the removal of soot and sulphur compounds from the crude gas generated by the partial combustion of a carbonaceous fuel.
135636 (16-5-72)	Process for the semi-continuous preparation of high-molecular weight linear polyester.
135639 (2-8-72)	A method of removing protein from natural rubber.

RENEWAL FEES PAID

86138 86187 86241 86355 86682 91660 91902 91911 91967 91969 91995 92010 92065 92123 92154 92302 92650 92651 97422 97464 97510 97562 97662 97697 97722 97748 97783 97932 97991 98077 98176 98478 98755 103358 103385 103647 103780 103832 103850 103853 103868 103905 103923 107192 107482 108361 108775 108825 109099 109127 109146 109735 109736 113518 113938 113942 114004 114021 114079 114088 114099 114101 114110 114133 114186 114203 114258 114309 114322 114531 114557 114758 114855 119324 119343 119353 119733 119743 119808 119873 119919 120065 120085 121147 124709 124710 124792 124795 125023 125055 125110 125197 125224 125258 125274 125281 125299 125373 125404 125440 129831 129880 129963 130099 130102 130114 130121 130135 130176 130232 130298 130343 130361 130439 132891 133155 133156 134189 134277 134283 134339 134371 134451 134452 134507 134509 134582 134598 134669 134677 134678 134694 134719 134722 134970 135056 135439 135487 135801 136090 136549 136616 136639 136713 136760 136972 137250 137447 137515 137612 137626 138044 138081 138162 138192 138290 138339 138343 138392 138450 138485 138524 138530 138605 138656 138971 139011 139015 139080 139730 139732 139739 140480 140569 140674 140694 140777 140884 140900 140905 140962 140963 141000 141023 141046 141049 141053 141114 141165 141259 141352 141383 141402 141415 141417 141457 141459 141478 141490

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 122587 granted to Eskay Electrochem Industries for an invention relating to "Flame proof magnetic float for regulating and indicating level of liquids". The patent ceased on the 2nd August, 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 11th February, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 18th April, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case, and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 130824 granted to Sumitomo Electric Industries, for an invention relating to "Insulated cable having outer semiconductive layer". The patent ceased on the 2nd April, 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 11th February, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 18th April, 1978 under Rule 69 the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 132800 granted to Ramji Dass Tikmany for an invention relating to "Tea sorting plant". The patent ceased on the 23rd December, 1976 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 21st January, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 18th April, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 139542 granted to International Standard Electric Corporation for an invention relating to "Armature restoring spring". The Patent ceased on the 16th July, 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 21st January, 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 18th April, 1978 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(5)

Notice is hereby given that an application for restoration of Patent No. 120063 dated the 26th February, 1969 made by Stamicarbon N.V., on the 11th July, 1977 and notified in the Gazette of India, Part III, Section 2 dated the 2nd September, 1977 has been allowed and the said patent restored.

(6)

Notice is hereby given that an application for restoration of Patent No. 131766 dated the 17th June, 1971 made by Leningradsky Metallichesky Zavod Imeni XXII Siezda KPSS on the 16th June, 1977 and notified in the Gazette of India, Part III, Section 2 dated the 20th August, 1977 has been allowed and the said patent restored.

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Design Nos. 144661, 144662 & 144734. Class 3.

COPY RIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS

Design Nos. 144661, 144662 & 144734 Class 3.

CANCELLATION OF THE REGISTRATION OF DESIGNS

(SECTION-51A)

(1)

An application has been made by Geep Flashlight Industries Limited for cancellation of the registration of Design No. 145082 in class 3 in the name of Indo National Limited.

(2)

An application has been made by Geep Flashlight Industries Limited for cancellation of the registration of Design No. 145052 in class 3 in the name of Indo National Limited.

(3)

The application made by Shaukat Ali, trading as Find Glass Industries for cancellation of the registration of Design No. 143541 registered in the name of Rafiq Ahmed, trading as R. A. Industries and notified in Part-III, Section 2 of the Gazette of India dated the 6th November, 1976 has been allowed and the registration of the said design has been cancelled.

S. VEDARAMAN
Controller-General of Patents, Designs,
and Trade Marks

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